TACO BELL

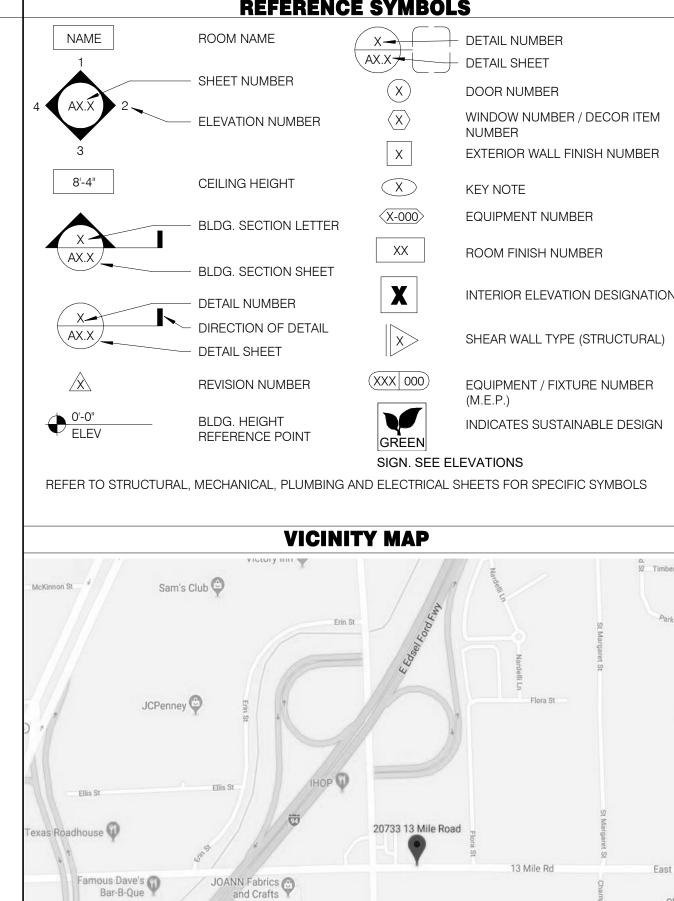
CALIFORNIA SOL T40



5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484

PROJECT GENERAL NOTES

- A. ALL WORK SHALL CONFORM TO THE FLORIDA BUILDING CODE, SIXTH EDITION (2017), AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF DELRAY BEACH, FL.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED 05.08.17 PREPARED BY ATWELL, LLC AND IS INCLUDED IN THESE DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED AUGUST 24, 2017 BY INTERTEK-PSI. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE PLANS.
- DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE YUM BRANDS CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. YUM BRANDS WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- .. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.



REFERENCE	SYMBOLS

ſ										
			<u>JECT SUMMAI</u>	πT						
-	LEGAL JURISDICTION: CITY OF DELRAY BEACH BUILDING CODE: FLORIDA BUILDING CODE SIXTH EDITION (2017)									
-	MECHANICAL CODE: FLORIDA BUILDING CODE SIXTH EDITION (2017)									
-	MECHANICAL CODE: FLORIDA BUILDING CODE SIXTH EDITION (2017) MECHANICAL PLUMBING CODE: FLORIDA BUILDING CODE SIXTH EDITION (2017) PLUMBING									
-		DDE: 2011 NATIONAL ELECTRIC (
-	FIRE CODE: FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017)									
-	ENERGY CODE	: FLORIDA BUILDING CODE SIXTI	H EDITION (2017) ENERG	Y CONSERVATION						
-	HEALTH CODE: CHAPTER 64E-11, FLORIDA ADMINISTRATIVE CODE & SECTION 381.0072, FLORIDA STATUTES									
-	ACCESSIBILITY	: FLORIDA BUILDING CODE SIXTH	H EDITION (2017) ACCES	SIBILITY						
-	BUILDING AREA: 1,853 S.F.									
-	SEATING: 41	(29 INTERIOR, 12 EXTERIOR)								
-	OCCUPANCY: A2									
-	TYPE CONSTRU	JCTION: TYPE 2								
~	# PHONE LINE	S: 25 PAIR CABLE IN 2" CONDU	IT							
A	ELÉCTRIC SERV	/ICE: 600 AMPS / 3 PHASE / 120	0-208 VOLT							
	GAS: 768,000	BTUH								
		DES	IGN CRITERIA	L .						
	WIND SPEED: 1	70 M.P.H. 3SGVLT / EXPOSURE E	3							
	SEISMIC DESIG	IN CATEGORY: A								
-	ROOF LIVE LOA	AD: 20 P.S.F.								
-	WIND-BORNE D	DEBRIS REGION								
-	CLIMATE ZONE	: 1A								
r										
		LEGA	L DESCRIPTIO	N						
-	REFER TO CIVIL	DRAWINGS								
-			ED PRODUCTS	LICT						
-			1							
	CATEGORY	SUBCATEGORY	MANUFACTURER	APPROVAL NO.	COMMENTS					
-			CURRIES	11537.1-R6						
-	VENTS	WALL LOUVERS	RUSKIN OLD CASTLE (MSD-375)	10234-R3 17693.1						
-	DOORS CLADDING	STOREFRONT STOREFRONT	OLD CASTLE (FG-5100)	17688.4						
	ROOFING	SINGLE-PLY ROOF SYSTEM	DURO-LAST	16039-R7						
	CLADDING	FIBER CEMENT PANEL SYSTEM		10477.2-R7						
-	CLADDING	COMPOSITE PANEL SYSTEM	TRESPA	24435.1						
-										
-										
-	PROJECT DIRECTORY									
-	OWNER ARCHITECT									
	YUM! BRANDS, II	NC.	-	MARK S. SALOPEK, LLC						
	1900 COLONEL S LOUISVILLE, KY 4			3638 WEST GALLOWAY DRIVE RICHFIELD, OH 44286						
	CONTACT: ADAM	1 MACKE	CONTACT: DE	RICHFIELD, OH 44286 CONTACT: DEANNE SCHOPFER PHONE: 330.572.2100						
	PHONE: 330.813.	.0142	PHONE: 330.5							
-	CONSTRU	JCTION MANAGER	STRUC							
	TACO BELL OF A	MERICA, LLC	GPD GROUP,	GPD GROUP, INC. 520 SOUTH MAIN STREET, SUITE 2531 AKRON, OH 44311						
OR ITEM	104 LISA COURT MCMURRY, PA 1									
IUMBER	CONTACT: CLINT	T LANGLEY	CONTACT: DEANNE SCHOPFER PHONE: 330,572,2100							
	PHONE: 724.969.									
		-		ELEC. ENG	INEER					
	15500 NEW BARN	C. ARCHITECTS & ENGINEERS N ROAD - SUITE 106		IAIN STREET, SUITE :	2531					
	MIAMI LAKES, FL		AKRON, OH 4	,						
	PHONE: 305-558		PHONE: 330.5							
SIGNATION -	GEOTECH	INICAL ENGINEER		CAPE ARCH	ITECT					
JCTURAL)	INTERTEK-PSI		CKE GROUP,	INC. ARCHITECTS &	ENGINEERS					
,	37483 INTERCHA FARMINGTON HI	LLS, MI 48335	MIAMI LAKES							
UMBER	CONTACT: KEVIN PHONE: 248.957.	N DUBNICKI, P.E.		UARDO CARCACHE						
E DESIGN										
-		UIIL								
MBOLS	SEWER	PUBLIC UTILITIES	AT&T	ONE						
	434 S SWINTON A	AVE	321 SE 2ND S							
	DELRAY BEACH, CONTACT: SCOT	T SOLOMON	DELRAY BEAC CONTACT: PA	UL BRYAN						
Q	PHONE: 561.243.		PHONE: 561.9							
≌ Timberidge	WATER		ROADS							
	DELRAY BEACH	PUBLIC UTILITIES	FLORIDA DEF		SPORTATION, DISTRICT					
Parkway S	434 S SWINTON A DELRAY BEACH,			OMMERCIAL BLVD RDALE, FL 33309						
	CONTACT: SCOT PHONE: 561.243	T SOLOMON		ERRY O'REILLY						
-		.1 203		ეკე დყევე						
			TRASH							
		TON RD, SUITE 220	WASTE MANA CONTACT: KA	ASHAE						
	WEST PALM BEA CONTACT: JARR	CH, FL 33409	651 INDUSTR BOYNTON BE	IAL WAY ACH, FL 33426						
	PHONE: 561.537.		PHONE: 561.5	,						
	ELECTRIC)	HEALTH							
	FPL		FLORIDA DEF	T. OF BUSINESS & F						
CONTACT: FRANK PUEYO PHONE: 561.742.2000				DIVISION OF HOTELS AND RESTAURANTS 1940 NORTH MONROE ST						

CONTACT: ADAM FUELLING PHONE: 850.487.1395

TALLAHASSEE, FL 32303

SHEET INDEX

- TITLE

- T1.0 TITLE SHEET T2.0 LIFE SAFETY PLAN
- G1.0 YUM GREEN CHECKLIST
- G2.0 TRASH ENCLOSURE DETAILS

2 - CIVIL

SEE SHEET T-001 FOR CIVIL DRAWING INDEX

- STRUCTURAL

- S0.1 STRUCTURAL GENERAL NOTES
- S0.2 STRUCTURAL SPECIAL INSPECTIONS
- S4.2 STRUCTURAL DETAILS FRAMING S1.0 FOUNDATION PLAN
- S3.0 ROOF FRAMING PLAN
- S4.0 STRUCTURAL DETAILS FOUNDATION
- S4.1 STRUCTURAL DETAILS FRAMING
- ARCHITECTURE
- A1.0 FLOOR PLAN A1.1 DOOR AND WINDOW ELEVATIONS & SCHEDULES
- A2.0 EQUIPMENT/ SEATING PLAN
- A2.1 EQUIPMENT SCHEDULE
- A3.0 ROOF PLAN
- A4.0 EXTERIOR ELEVATIONS
- A4.1 EXTERIOR ELEVATIONS A5.0 BUILDING SECTIONS
- A5.1 BUILDING SECTIONS
- A5.2 WALL SECTIONS
- A5.3 WALL SECTIONS
- A5.4 WALL SECTIONS
- A6.0 CONSTRUCTION PLAN DETAILS
- A6.1 CONSTRUCTION DETAILS WALL A6.2 CONSTRUCTION DETAILS ROOF
- A6.3 CONSTRUCTION DETAILS DOOR
- A6.4 CONSTRUCTION DETAILS WINDOW
- A6.5 FINISH DETAILS
- A6.6 MISCELLANEOUS
- A7.0 FLOOR FINISH PLAN
- A7.1 REFLECTED CEILING PLAN
- A7.2 FINISH LEGEND AND SCHEDULE
- A8.0 INTERIOR ELEVATIONS DINING ROOM
- A8.1 INTERIOR ELEVATIONS DINING ROOM
- A8.2 INTERIOR ELEV. ENLARGED RESTROOMS
- A8.3 INTERIOR ELEVATIONS KITCHEN
- A8.4 KITCHEN DETAILS

5- ACCESSIBILITY

ADA1.0 ACCESSIBILITY REQUIREMENTS ADA1.1 ACCESSIBILITY REQUIREMENTS

- MECHANICAL

- M1.0 MECHANICAL SCHEDULES AND NOTES
- M2.0 DUCT AND DIFFUSER PLAN
- M2.1 MECHANICAL ROOF PLAN
- M3.0 HOOD DRAWINGS PLANS AND SECTIONS M4.0 MECHANICAL AND HOOD DETAILS

- PLUMBING

- P1.0 PLUMBING SCHEDULES AND NOTES
- P2.0 WASTE AND VENT PLAN
- P3.0 WATER AND GAS PLAN
- P4.0 PLUMBING ROUGH-IN PLAN
- P5.0 RISER DIAGRAMS
- P5.1 GREASE WASTE AND VENT ISOMETRIC
- P6.0 PLUMBING DETAILS
- P6.1 PLUMBING DETAIL

B - ELECTRICAL

- E1.0 SITE ELECTRICAL PLAN
- E2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND
- E2.1 ELECTRICAL SCHEDULES
- E2.2 ELECTRICAL SCHEDULES
- E3.0 ELECTRICAL POWER PLAN
- E3.1 ENLARGED POWER PLAN AND DETAILS
- E3.2 ELECTRICAL POWER ROOF PLAN
- E3.3 ELECTRICAL DIMENSIONS PLAN
- E4.0 LIGHTING PLAN AND DETAILS
- E5.0 COMMUNICATIONS PLAN
- E6.0 ELECTRICAL DETAILS TBCCB
- E6.1 ELECTRICAL DETAILS TBCCB
- E6.2 ELECTRICAL DETAILS TBCCB
- E7.0 ELECTRICAL DETAILS

9 - SCOPE OF WORK

SW1.0 SCOPE OF WORK MATRIX

A 06/06/18 CLIENT REVISIONS 04/06/18 ISSUED FOR PERMIT 07/25/18 ISSUED FOR BID

Mark S. Salopek,

LLC

3638 West Galloway Drive Richfield, OH 44286

330.572.2100 Fax: 330.572.2102

CONTRACT DATE: 01.08.18 T40CAL-SOL BUILDING TYPE: FEB 2018 PLAN VERSION: BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03

TACO BELL

5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484

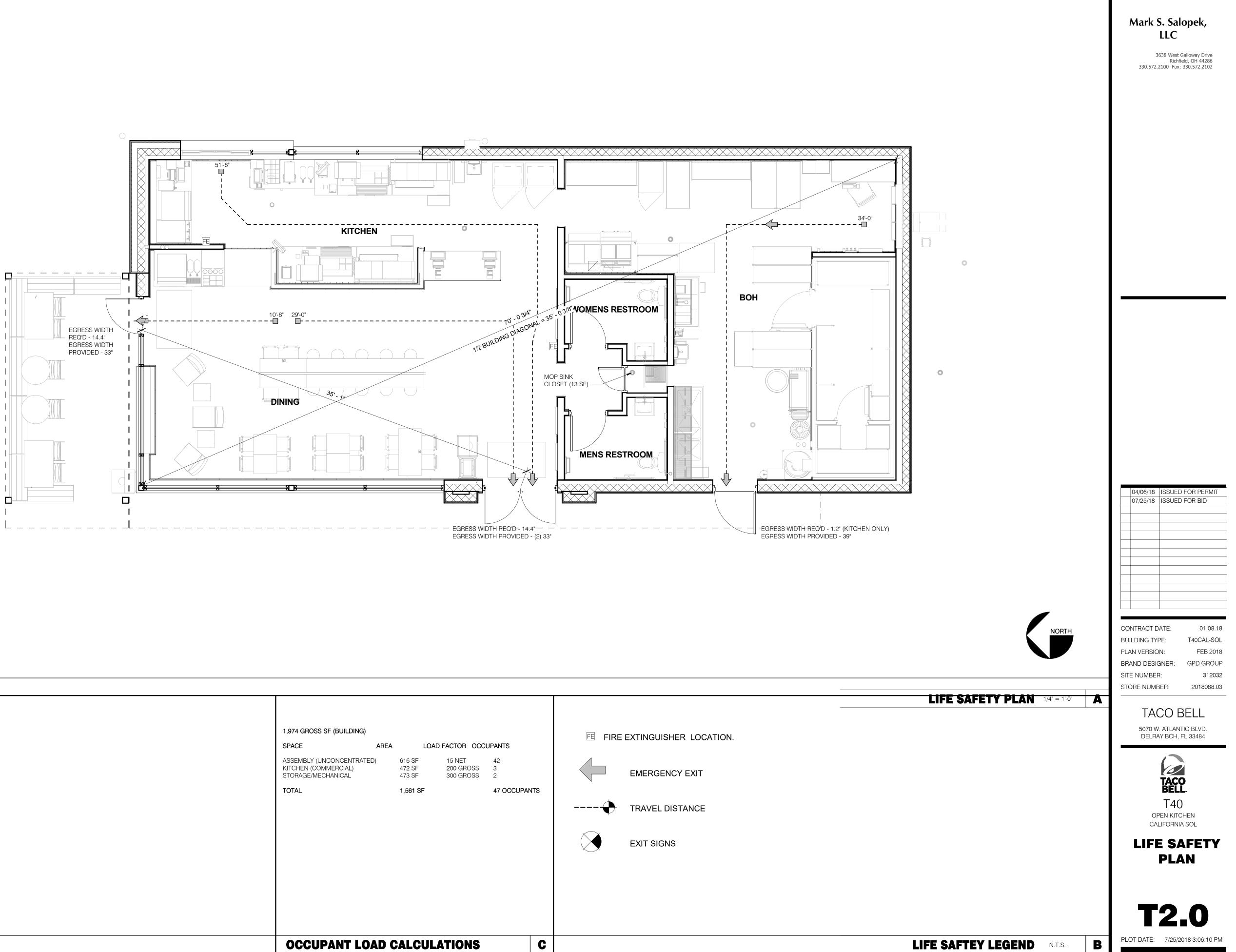






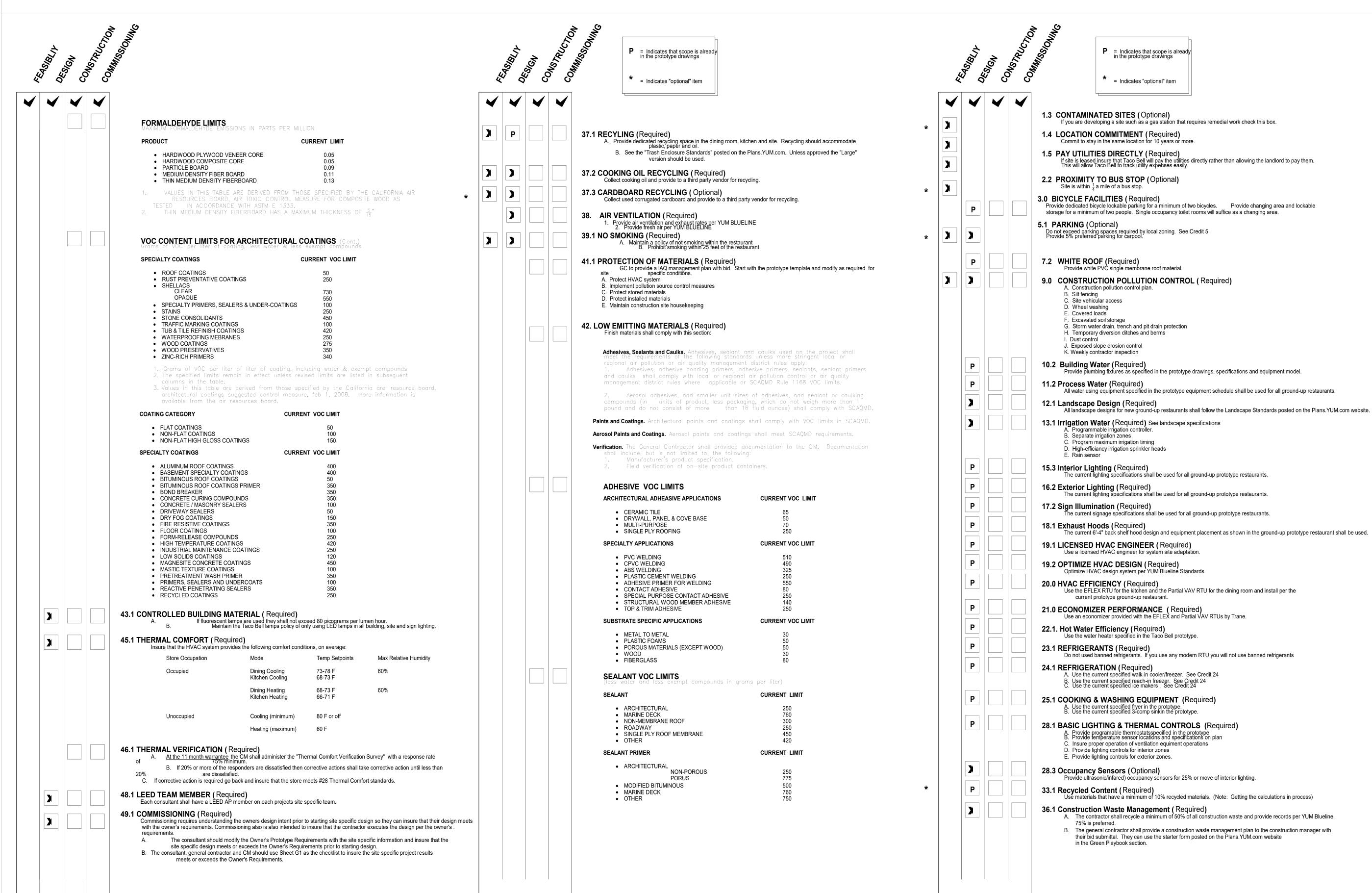


PLOT DATE: 7/25/2018 3:06:07 PM



1,974 GROSS SF (BUILDING) SPACE	AREA	LOAD FACTOR OCC		
ASSEMBLY (UNCONCENTRATE		15 NET	42	4
KITCHEN (COMMERCIAL) STORAGE/MECHANICAL	472 SF 473 SF	200 GROSS 300 GROSS	3 2	EMERGENCY
TOTAL	1,561 S	F	47 OCCUPANTS	
				TRAVEL DIST
				EXIT SIGNS
 OCCUPANT LO		ULATIONS	C	

С	HE	С	K I	LIS	57
	e cł e on				
	_				



T NUMBER EXPLANATION:

mbers 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 YUMBlueline website. The system has been setup so that if you do the "Required" items on this list your restaurant will meet the YUMBlueline requirements.

1. Go to the reference version of the YUM Blueline websiteat: " www.yumblueline.com"

2. In the "User" section choose " General" from the pull down menu 3. In the "Password" section type in " J212i*kla!"

P = Indicates that scope is already in the prototype drawings

* = Indicates "optional" item

If site is leased insure that Taco Bell will pay the utilities directly rather than allowing the landlord to pay them. This will allow Taco Bell to track utility expenses easily.

Provide dedicated bicycle lockable parking for a minimum of two bicycles. Provide changing area and lockable storage for a minimum of two people. Single occupancy toilet rooms will suffice as a changing area.

Do not exceed parking spaces required by local zoning. See Credit 5 Provide 5% preferred parking for carpool.

9.0 CONSTRUCTION POLLUTION CONTROL (Required)

H. Temporary diversion ditches and berms

10.2 Building Water (Required**)** Provide plumbing fixtures as specified in the prototype drawings, specifications and equipment model.

All water using equipment specified in the prototype equipment schedule shall be used for all ground-up restaurants.

13.1 Irrigation Water (Required) See landscape specifications

C. Program maximum irrigation timing

The current lighting specifications shall be used for all ground-up prototype restaurants.

The current lighting specifications shall be used for all ground-up prototype restaurants.

The current signage specifications shall be used for all ground-up prototype restaurants.

18.1 Exhaust Hoods (Required**)** The current 6'-4" back shelf hood design and equipment placement as shown in the ground-up prototype restaurant shall be used.

Use the EFLEX RTU for the kitchen and the Partial VAV RTU for the dining room and install per the

21.0 ECONOMIZER PERFORMANCE (Required) Use an economizer provided with the EFLEX and Partial VAV RTUs by Trane.

Do not used banned refrigerants. If you use any modern RTU you will not use banned refrigerants A. Use the current specified walk-in cooler/freezer. See Credit 24

B. Use the current specified reach-in freezer. See Credit 24 C. Use the current specified ice makers . See Credit 24

25.1 COOKING & WASHING EQUIPMENT (Required) A. Use the current specified fryer in the prototype. B. Use the current specified 3-comp sinkin the prototype.

28.1 BASIC LIGHTING & THERMAL CONTROLS (Required)

A. Provide programable thermostatsspecified in the prototype B. Provide temperature sensor locations and specifications on plan C. Insure proper operation of ventilation equiment operations

D. Provide lighting controls for interior zones E. Provide lighting controls for exterior zones.

Provide ultrasonic/infared) occupancy sensors for 25% or move of interior lighting.

36.1 Construction Waste Management (Required) A. The contractor shall recycle a minimum of 50% of all construction waste and provide records per YUM Blueline.

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

Mark S. Salopek, LLC

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

04/06/	18 ISS	UED FOR PERMIT
07/25/	18 ISS	UED FOR BID

CONTRACT DATE:	01.08.1
BUILDING TYPE:	T40CAL-SO
PLAN VERSION:	FEB 201
BRAND DESIGNER:	GPD GROU
SITE NUMBER:	31203
STORE NUMBER:	2018088.0

TACO BELL

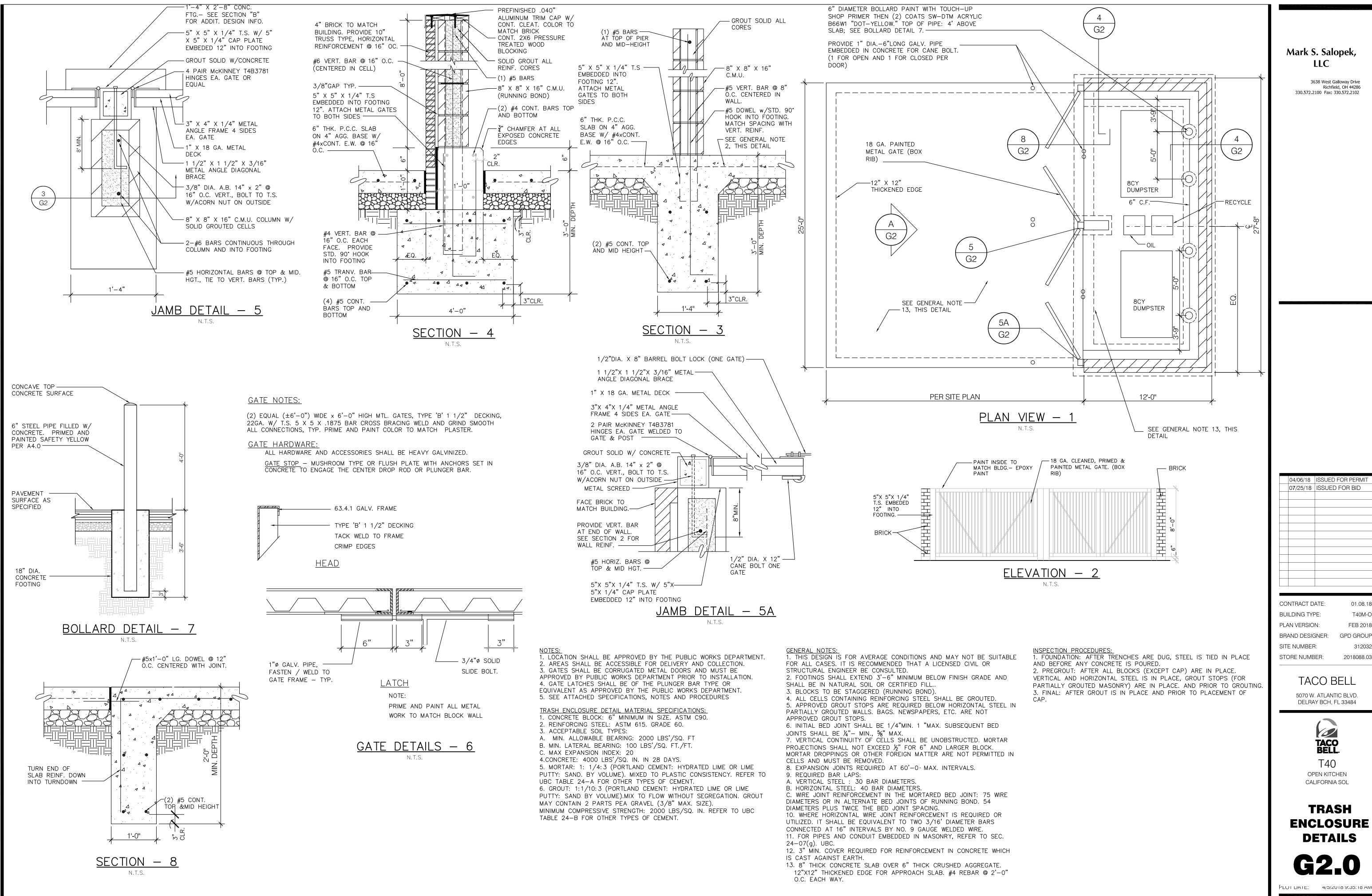
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04/06/18	ISSUED FOR PERMIT
07/25/18	ISSUED FOR BID

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03

TACO BELL

5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484



DETAILS

G2.0

GOVERNING BUILDING CODE:

GOVERNING BUILDING CODE: 2017 FLORIDA BUILDING CODE (2015 IBC)

DESIGN LOADING:

DESIGN LOADS:

2012 INTERNATIONAL BUILDING CODE (2012 IBC)

 A. ROOF LIVE LOAD B. FLOOR LIVE LOAD (RETAIL FIRST FLOOR) C. ROOF SNOW LOADS GROUND SNOW LOAD (Pg) 	20 PSF 100 PSF 0 PSF
EXPOSURE FACTOR (Ce)	1.0
IMPORTANCE FACTOR (I)	1.0
THERMAL FACTOR (Ct)	1.0
MIN ROOF SNOW LOA'D (Pf)	0 PSF
D. DEAD LOADS	ACTUAL MATERIAL WEIGHTS
E. WIND LOADS	
V (ULTIMATE)	170 MPH
V (NOMINAL) 3 SECOND GUST	132 MPH
IMPORTANCE FACTOR	1.0
RISK CATEGORY	
EXPOSURE CATEGORY	С
INTERNAL PRESSURE COEF.	±.18
F. SEISMIC LOADS	
SEISMIC IMPORTANCE FACTOR:	1.0
BUILDING OCCUPANCY CATEGORY:	
SITE CLASS	С
Ss:	0.048
S1:	0.023
SPECTRAL RESPONSE COEFF:	
SHOR PERIOD (SDS):	0.051
1 SEC. PERIODS (SD1):	0.037
SEISMIC DESIGN CATEGORY:	A
BASIC SEISMIC FORCE RESISTING SY	(STEM: NORTH/SOUTH DIRECTION
	LOAD BEARING WALLS
	ORDINARY REINFORCED MASONRY SHEAR WALLS
SEISMIC RESPOONSE COEFF. (Co	
RESPONSE MOD. FACTOR (R)	2.25
OVERSTRENGTH FACTOR ()	2.5
SEISMIC RESPONSE COEFF (Cs)	

0.01*W KIPS

ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE

BASE SHEAR (V)

C&C Wind Pressures				
	Zone:	10 SF	50 SF	100 SF
		25.6 psf	23.3 psf	20.3 psf
	1	-68.3 psf	-68.3 psf	-68.3 psf
	2	25.6 psf	23.3 psf	20.3 psf
Poof	2	-79.0 psf	-76.6 psf	-73.7 psf
Roof:	2	25.6 psf	23.3 psf	20.3 psf
	3	105.7 psf	-91.5 psf	-73.7 psf
	Overhang Zone 2	-100.4 psf	-98.0 psf	-95.0 psf
	Overhang Zone 3	-159.0 psf	-111.6 psf	-52.3 psf
	Zone:	10 SF	50 SF	100 SF
	4	56.7 psf	55.5 psf	54.0 psf
Walls:	4	-61.5 psf	-60.3 psf	-58.9 psf
	5	56.7 psf	55.5 psf	54.0 psf
	Ŭ	-75.9 psf	-73.6 psf	-70.6 psf
Notes:	 TRIBUTARY PRESSURES ARE FOR THE SQUARE FOOT (SF) TRIBUTARY AREA SHOWN. FOR OTHER TRIBUTARY AREAS, LINEARLINTERPOLATE BETWEEN VALUES SHOWN ABOVE. POSITIVE PRESSURES ACT TOWARD THE BUILDING. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING. ALL WIND PRESSURES IN THE TABLE ARE BASED ON ULTIMATE WINDSPEEDS. TO CONVERT TO NOMINAL WIND PRESSURES MULTIPLE VALUES BY 0.6. NET UPLIFT VALUE FOR JOIST DESIGN = -25 PSF (ASD) 			

GENERAL PROVISIONS:

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

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

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

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

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

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

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

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

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

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

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

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

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

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

SHOP DRAWINGS:

REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

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

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

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

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

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

DELEGATED DESIGN:

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

·OPEN-WEBBED STEEL JOISTS AND JOIST GIRDERS

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

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

EARTHWORK/SUBSURFACE **INVESTIGATION:**



SPECIFICATIONS.

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

PRIME ALL STEEL NOT IN CONTACT WITH CONCRETE. DO NOT PRIME STEEL IN AREAS TO RECEIVE SLIP CRITICAL BOLTS (FRICTION BOLTS). DO NOT PRIME STEEL THAT IS TO RECEIVE FIREPROOFING. ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE ADJUSTABLE

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

ALL GALVANIZED 18 AND 20 GAUGE STUDS AND JOISTS; ALL GALVANIZED TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653 SS, GRADE 33 WITH A MINIMUM YIELD OF 33,000 PSI.

ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653.

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

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

INSTALLATION OF STUDS SHALL BE AS PER ASTM C1007-08a "INSTALLATION OF LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS AND ACCESSORIES", ASTM C955-09 "SPECIFICATION FOR LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS, RUNNERS (TRACK), AND BRACING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM BOARD AND METAL PLASTER BASES", AND ASTM C754-08 "SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW ATTACHED GYPSUM BOARD".

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

WITH (2) #10 TEK SCREWS INTO METAL STUD AND (2) .145"Ø POWDER DRIVEN FASTENERS INTO STRUCTURAL STEEL. TRACK TO STUD (2) #10 TEK SCREWS

____(2) #10 TEK SCREWS STUD TO STUD

GENERAL:	511
THE CONTRACTOR SHALL REFER TO THE THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT AND SPECIFICATIONS FOR ALL REQUIREMENTS RELATED TO EXCAVATION, PREPARATION OF THE SUBGRADE, COMPACTION PROCEDURES, AND FOR ANY OTHER GEOTECHNICAL REQUIREMENTS. WHERE CONFLICTING REQUIREMENTS BETWEEN THE DRAWINGS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT ARE PRESENT, THE MOST STRINGENT REQUIREMENT SHALL BE BID UNLESS OTHERWISE ADDRESSED BY THE ENGINEER OF RECORD IN A FORMAL REQUEST FOR INFORMATION.	ALL "BL ST/ OT SAI
THE RECOMMENDATIONS PRESENTED HEREIN ARE IN ACCORDANCE WITH THE SUBSURFACE INVESTIGATION REPORT PREPARED BY:	SH SU
PSI, INC. PROJECT #: 0397-1127, DATED NOVEMBER 11, 2016.	ALI
PROOFROLLING: PRIOR TO EXCAVATION FOR STRUCTURES, PROOFROLL BUILDING AND PAVEMENT AREAS USING A HEAVILY LOADED DUMP TRUCK OR SIMILARLY HEAVILY LOADED VEHICLE. ALL SOFT, LOOSE OR UNSTABLE AREAS ARE TO BE STABILIZED WITH ADDITIONAL COMPACTION OR UNDERCUT AND REPLACED WITH ENGINEERED FILL.	ALL REI WE SHI
ENGINEERED FILL:	NO
ENGINEERED FILL SHALL BE WELL GRADED MATERIAL FREE FROM DEBRIS, ORGANIC MATERIAL, FROZEN MATERIALS, BRICK, LIME, CONCRETE AND OTHER MATERIALS THAT WOULD PREVENT ADEQUATE PERFORMANCE. FILL SHALL CONFORM TO ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP OR SM.	PR PR RE
UNLESS OTHERWISE NOTED, THE PROPOSED ENGINEERED FILL MATERIALS ARE TO BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES IN LOOSE MEASURED THICKNESS. EACH LIFT IS TO BE COMPACTED A MINIMUM OF 98% MAXIMUM DENSITY BY ASTM D698.	I
THE EARTHWORK PROGRAM SHOULD BE CONDUCTED UNDER THE SUPERVISION OF A SOILS LABORATORY.	
THE IN-PLACE DENSITIES ACHIEVED ARE TO BE VERIFIED BY TEST.	
BACKFILL:	
BACKFILL OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT.	* H

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

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

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

FOUNDATION SYSTEMS:

GENERAL:

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

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

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

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

BOTTOM OF ALL EXTERIOR FOOTINGS/GRADE BEAMS SHALL BEAR A MINIMUM OF 3'-0" BELOW ADJACENT FINAL GRADE FOR FROST PROTECTION.

SPREAD/TRENCH FOOTINGS

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

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

FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 2500 PSF.

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

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

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

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

STEEL JOISTS & JOIST GIRDERS:

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

PROVIDE HORIZONTAL AND/OR DIAGONAL BRIDGING PER SJI REQUIREMENTS.

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

AT ALL CONCENTRATED LOADS NOT LOCATED AT JOIST PANEL POINTS, HANGING FROM TOP OR BOTTOM JOIST CHORDS, FIELD WELD ADDITIONAL WEB ANGLE 2x2x1/4 FROM LOAD LOCATION TO ADJACENT PANEL

GENERAL CONTRACTOR SHALL VERIFY ALL STRUCTURAL STEEL JOIST LOCATIONS. MECHANICAL UNIT WEIGHTS AND OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR AND VENDOR'S DRAWINGS FOR ACTUAL MECHANICAL UNITS PURCHASED.

CONCRETE:

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

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

AFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR ISOFAR AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS. HOP DRAWINGS OF THE PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS ARE TO BE UBMITTED TO THE ARCHITECT FOR APPROVAL.

LL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS: ALL CONCRETE - 4000 PSI

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

EINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

VELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A185 AND BE FURNISHED IN FLAT HEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.

O TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.

ROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

ROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS

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

OTHER		TOP*			
ANCHORAGE	SPLICE	ANC	HORAGE	SPLICE	
15	19	19	24		
19	25	25	33		
24	31	31	41		
29	37	37	49		
42	54	54	71		
48	62	62	81		
54	70	70	91		
60	78	78	101		
66	85	85	111		
	ANCHORAGE 15 19 24 29 42 48 54 60	ANCHORAGE SPLICE 15 19 19 25 24 31 29 37 42 54 48 62 54 70 60 78	ANCHORAGE SPLICE ANCI 15 19 19 19 25 25 24 31 31 29 37 37 42 54 54 48 62 62 54 70 70 60 78 78	ANCHORAGE SPLICE ANCHORAGE 15 19 19 24 19 25 25 33 24 31 31 41 29 37 37 49 42 54 54 71 48 62 62 81 54 70 70 91 60 78 78 101	

HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR

MASONRY:

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

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

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

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

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

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

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

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

VERTICAL REINFORCING LAP SPLICES SHALL BE 48 BAR DIAMETERS.

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

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

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

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

GROUT A MINIMUM OF 8 INCHES x 24 INCHES WIDE UNDER ALL JOIST BEARINGS.

GROUT CORES SOLID A MINIMUM OF ONE COURSE BELOW ANY CHANGE IN WALL THICKNESS.

FILL ALL BEARING POCKETS WITH SOLID MASONRY AFTER INSTALLING BEAMS.

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

ALL CORNERS ARE TO BE TIED BY MASONRY BOND.

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

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

METAL ROOF DECKING:

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

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

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

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

OPENINGS SMALLER THAN 12" SQUARE ARE TO BE CUT BY INDIVIDUAL TRADE AND FLASHED BY ROOFING/SIDING CONTRACTOR. ALL LARGER OPENINGS TO BE CUT AND FLASHED BY ROOFING/SIDING CONTRACTOR WITH OPEN EDGES SUPPORTED BY STRUCTURAL STEEL.

STRUCTURAL STEEL:

MATERIAL PROPERTIES:

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

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

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

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

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

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

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

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

MASONRY ANCHORS AT 2'-8" ON CENTER.

COLD FORMED STEEL:

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

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

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

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

TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.

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

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

JOIST SHALL BE BRIDGED AT MAXIMUM 4'-0" SPACING.

END BLOCKING SHALL BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.

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

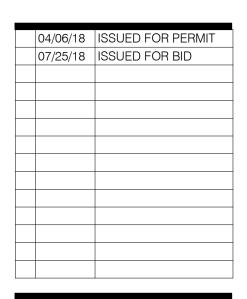
STUD ENDS MUST BE SQUARELY SEATED AGAINST THE TRACK WEB. BOTH STUD FLANGES MUST BE ATTACHED TO TRACK MEMBERS AT TOP AND BOTTOM.

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

THE FOLLOWING MINIMUM COLD FORMED STEEL ATTACHMENTS SHALL BE PROVIDED U.N.O.: TRACK TO STRUCTURAL STEEL (1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C. TRACK TO METAL DECK (1) #10 TEK SCREW AT 16" O.C. TRACK TO CONCRETE (1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C. STUD TO STRUCTURAL STEEL (1) L2x2x14 GAUGE CLIP ANGLE CONNECTION



520 South Main Street, Suite 253 Akron, OH 44311 330.572.2100 Fax: 330.572.2102



CONTRACT DATE: 01.08.18 **BUILDING TYPE:** T40CAL-SOL PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03

TACO BELL 5070 W. ATLANTIC BLVD.

DELRAY BCH, FL 33484



OPEN KITCHEN CALIFORNIA SOL





SPECIAL INSPECTION AND TESTING:

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

THE SPECIAL INSPECTIONS & TESTING PROGRAM:

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

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

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

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

SPECIAL INSPECTION REPORT REQUIREMENTS:

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

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

CONTRACTOR RESPONSIBILITIES:

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

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

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

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

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

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

COORDINATE AND SUBMIT. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING TO THE BUILDING OFFICIAL AND THE OWNER A STATEMENT OF CONTRACTOR RESPONSIBILITY, IBC SECTION 1704.4, FOR THEMSELVES AND FOR SUBMITTING A STATEMENT OF CONTRACTOR RESPONSIBILITY FOR EACH STRUCTURAL COMPONENT SUBCONTRACTOR. THE STATEMENTS OF RESPONSIBILITY SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.

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

> ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.

2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.

3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.

4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.

B. STRUCTURAL COMPONENT SUBCONTRACTORS INCLUDE BUT ARE NOT LIMITED TO STRUCTURAL STEEL FABRICATORS AND ERECTORS. COMPONENT FABRICATORS, SUCH AS STEEL JOISTS, METAL OR WOOD TRUSSES, CONCRETE AND MASONRY CONTRACTORS.

C. AT THE COMPLETION OF STRUCTURAL COMPONENT FABRICATION, THE FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF: RETESTING AND REINSPECTION OF MATERIALS, WORK AND/OR PRODUCTS

THAT DO NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHOP DRAWINGS/SUBMITTAL DATA.

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

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

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

INSPECTION OF FABRICATION:

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

EXEMPTION:

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

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

CONCRETE TESTING NOTES:

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

STEEL INSPECTION & TESTING NOTES:

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

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

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

MASONRY INSPECTION & TESTING NOTES:

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

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

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

INSPECTOR TO BE CERTIFIED BY THE INTERNATIONAL CODE COUNCIL.

OTHER REQUIRED INSPECTIONS:

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

SCHEDULE OF SPECIAL INSPECTIONS

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

1705.2 STEEL CONSTRUCTION				
MATERIAL/ACTIVITY	SERVICE	APPLI	CABLE TO PROJECT	
1. FABRICATOR AND ERECTOR DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, SECTION N3, PARAGRAPH 2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	SUBMITTAL REVIEW	Y/N Y	EXTENT EACH SUBMITTAL	
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL HIGH-STENGTH BOLTS, NUTS, & WASHERS, & WELD FILLER MATERIALS.	SHOP (3) AND FIELD INSPECTION	Y	PERIODIC	
3. EMBEDMENTS, VERIFY DIAMETER, GRADE, TYPE, LENGTH, & EMBEDMENT. (SEE 1705.3 FOR ANCHORS)	FIELD INSPECTION	Y	PERIODIC	
4. VERIFY MEMBERS LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	FIELD INSPECTION	Y	PERIODIC	
5. STRUCTURAL STEEL WELDING		-		
a. INSPECTION TASKS PRIOR TO WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-1)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)	
b. INSPECTION TASKS DURING WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-2)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE (4)	
c. INSPECTION TASKS AFTER WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-3)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)	
d. NONDESTRUCTIVE (NDT) TESTING OF WELDED JOINTS:				
1) NOT USED				
2) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY II	SHOP (3) OR FIELD ULTRASONIC TESTING - 10% OF WELDS MINIMUM	Y	PERIODIC	
5) FABRICATORS NDT REPORTS WHEN FABRICATORS PERFORMS NDT	VERIFY REPORTS	Y	EACH SUBMITTAL (5)	
6. STRUCTURAL STEEL BOLTING:	SHOP (3) AND FIELD INSPECTION			
a. INSPECTION TASKS PRIOR TO BOLTING (OBSERVE, OR PERFORM TASKS FOR EACH BOLTED CONNECTION, IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-1)			OBSERVE OR PERFORM AS NOTED (4)	
b. INSPECTION TASKS DURING BOLTING (OBSERVE THE QA TASKS LISTED IN AISC 360, TABLE N5.6-2)			OBSERVE (4)	
1) PRE-TENSIONED AND SLIP-CRITICAL JOINTS				
a) NOT USED				
b) DIRECT TENSION INDICATOR		Y	PERIODIC	
c) TWIST-OFF TYPE TENSION CONTROL BOLT		Y	PERIODIC	
2) SNUG-TIGHT JOINTS		Y	PERIODIC	
c. INSPECTION TASKS AFTER BOLTING (PERFORM TASKS FOR EACH BOLTED CONNECTION IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-3)	SHOP (3) AND FIELD INSPECTION AND TESTING	Y	PERFORM (4)	

2.2 COLD FORMED STEEL DECK		
		ENT
VERIFY COMPLIANCE OF MATERIAL, (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND	Y/N	EXTENTS EACH SUBMITTALS
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	Y	EACH SUBMITTALS
LE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLAC	EMEN	T
TASK	Y/N	EXTENTS
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	Y	PERIODIC
VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	Y	PERIODIC
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	Y	PERIODIC
LE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING	G	
TASK	Y/N	EXTENTS
WELDING PROCEDURE SPECIFICATIONS, (WPS) AVAILABLE	Y	PERIODIC
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Y	PERIODIC
MATERIAL IDENTIFICATION, (TYP/GRADE)	Y	PERIODIC
CHECK WELDING EQUIPMENT	Y	PERIODIC
LE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING		
TASK	Y/N	EXTENTS
USE OF QUALIFIED WELDERS	Y	PERIODIC
CONTROL AND HANDLING OF WELDING CONSUMABLES	Y	PERIODIC
ENVIRONMENTAL CONDITIONS, (WIND SPEED, MOISTURE, TEMPERATURE)	Y	PERIODIC
WPS FOLLOWED	Y	PERIODIC
LE 1.5 INSPECTION OR EXECUTION TASKS AFTER WELDING	I	
TASK	Y/N	EXTENTS
VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	Y	PERIODIC
WELDS MEET VISUAL ACCEPTANCE CRITERIA	Y	PERIODIC
VERIFY REPAIR ACTIVITIES	Y	PERIODIC
DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	Y	PERIODIC
	TASK VERIFY COMPLIANCE OF MATERIAL, (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES LE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLAC TASK VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION OF INSTALLATION OF DECK AND DECK ACCESSORIES LE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING TASK WELDING PROCEDURE SPECIFICATIONS, (WPS) AVAILABLE MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE MATERIAL IDENTIFICATION, (TYP/GRADE) CHECK WELDING EQUIPMENT LE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING TASK USE OF QUALIFIED WELDERS CONTROL AND HANDLING OF WELDING CONSUMABLES ENVIRONMENTAL CONDITIONS, (WIND SPEED, MOISTURE, TEMPERATURE) WPS FOLLOWED LA SINCE OF WELDING CONSUMABLES ENVIRONMENTAL CONDITIONS, (WIND SPEED, MOISTURE, TEMPERATURE) WPS FOLLOWED TASK VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	LE 1.1 INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEM TASK Y/N VERIFY COMPLIANCE OF MATERIAL, (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND DASE METAL THICKNESS Y DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES Y LE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMEN Y/N VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT Y VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT Y DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES Y LE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING CONSTRUCTION FOR EXECUTION TASKS PRIOR TO WELDING Y LE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING Y MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES Y MANUFACTURER CERTIFICATIONS, (WPS) AVAILABLE Y MANUFACTURER CERTIFICATION, (TYP/GRADE) Y CHECK WELDING EQUIPMENT Y LE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING Y VERIFY EXEMPTION OR EXECUTION TASKS DURING WELDING Y USE OF QUALIFIED WELDERS Y CONTROL AND HANDLING OF WELDING CONSUMABLES Y

1705.2.3 OPEN-WEB STEEL JOIST AND JOIST GIRDERS				
ТҮРЕ	APPLI	REFE		
	Y/N	EXTENT		
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.	Y	PERIODIC		
a. END CONNECTIONS - WELDED OR BOLTED.	Y	PERIODIC	SJI SPEC SECTION	
b. BRIDGING - HORIZONTAL OR DIAGONAL.				
1) STANDARD BRIDGING.	Y	PERIODIC	SJI SPEC SECTION	
2) BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1.	Y	PERIODIC		

1705.3 CONCRETE CONSTRUCTION

1705 6 9011 9

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

FOR SI: INCH = 25.4 mm. {a.} WHERE APPLICABLE, SEE ALSO SECTION 1705.12. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE. (b.) SPECIFIC REQUIREMENTS FOR SPECIAL INSERCTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFFESIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

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

1705.16 EXTERIOR INSUL	FINISH S	YSTEM ((EFIS)
			(=: :0)

1703. TO EXTERIOR INSULATION AND FINISH STSTEM (EFIS)			
MATERIAL/ACTIVITY	SERVICE	/ICE APPLICABLE	CABLE TO PROJECT
		Y/N	EXTENT
1. VERIFY MATERIALS, DETAILS AND INSTALLATIONS ARE PER THE APPROVED CONSTRUCTION DOCUMENTS. A. MANDATORY EXCEPT FOR APPLICATIONS INSTALLED OVER MASONRY OR CONCRETE WALLS, OR WHERE INSTALLED OVER A WATER RESISTIVE BARRIER WITH A MEANS OF DRAINING MIOSTURE TO THE EXTERIOR.	FIELD INSPECTION	Y	PERIODIC
2. INSPECTION OF WATER-RESISTIVE BARRIER OVER SHEATHING SUBSTRATE. A. MANDATORY WHERE WATER-RESISTIVE BARRIER COATING IS INSTALLED OVER SHEATHING SUBSTRATE.	FIELD INSPECTION	Y	PERIODIC (PER REQUIREMENTS OF ASTM E2570)

NOTES: 1. THE INSPECTION AND TESTING AGENT OR AGENTS, SHALL BE ENGAGED BY THE OWNER OR THE OWNER THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT O DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE QUALIFICATIONS OF THE SPEC TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND/OR THE DESIGN PR
2. SUBMIT A LIST OF THE SPECIAL INSPECTORS ON A SEPARATE DOCUMENT TO THE BUILDING OFFICIAL AND PROFESSIONAL.
3. SPECIAL INSPECTIONS AS REQUIRED BY SECTION 1704.2.5 ARE NOT REQUIRED WHERE THE FABRICATOR ACCORDANCE WITH IBC SECTION 1704.2.5.1.
4. OBSERVE ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PE EACH WELDED JOINT, BOLTED CONNECTION, OR STEEL ELEMENT.
5. NDT OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRIC BY THE AHJ. REFER TO AISC 360, N7.
DEFINITIONS: 1. SPECIAL INSPECTION: INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPE ORDER TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
2. SPECIAL INSPECTOR: QUALIFIED FIRM OR INDIVIDUAL RESPONSIBLE FOR PERFORMING SPECIFIC TESTS OF THE SPECIAL INSPECTION PROGRAM.
3. PERIODIC SPECIAL INSPECTION: THE PART TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING S AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEIL THE COMPLETION OF THE WORK. MAY BE ALLOWED WHEN COMPLIANCE OF THE WORK OR PRODUCT CAN B BEING INCORPORATED INTO THE STRUCTURE.
4. CONTINUOUS SPECIAL INSPECTION: THE FULL TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPEC
SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PREFORMED.

ERENCED ST	ANDARD
CIFICATIONS N 2207.1.	LISTED IN
CIFICATIONS N 2207.1.	LISTED IN
ERENCE	IBC REFERENCE
CH.20, 25.2, .5.126.5.3	1908.4
1.4 : 26.5.4	-
: 17.8.2	-
: 17.8.2.4	-

R'S AGENT, AND NOT BY OF INTEREST MUST BE IAL INSPECTOR AND/OF PROFESIONAL.

AND THE DESIGN

OR IS APPROVED IN

ERFORM THESE TASKS FOR

RICATOR WHEN APPROVED

PECIAL INSPECTOR IN

OR INSPECTIONS AS PART

SPECIAL INSPECTION BY IG PERFORMED AND A BE DETERMINED AFTER

ECTION BY AN APPROVED



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

04/06/18	ISSUED FOR PERMIT
07/25/18	ISSUED FOR BID

CONTRACT DATE: 01.08.18 **BUILDING TYPE:** T40CAL-SOL PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03

TACO BELL 5070 W. ATLANTIC BLVD.

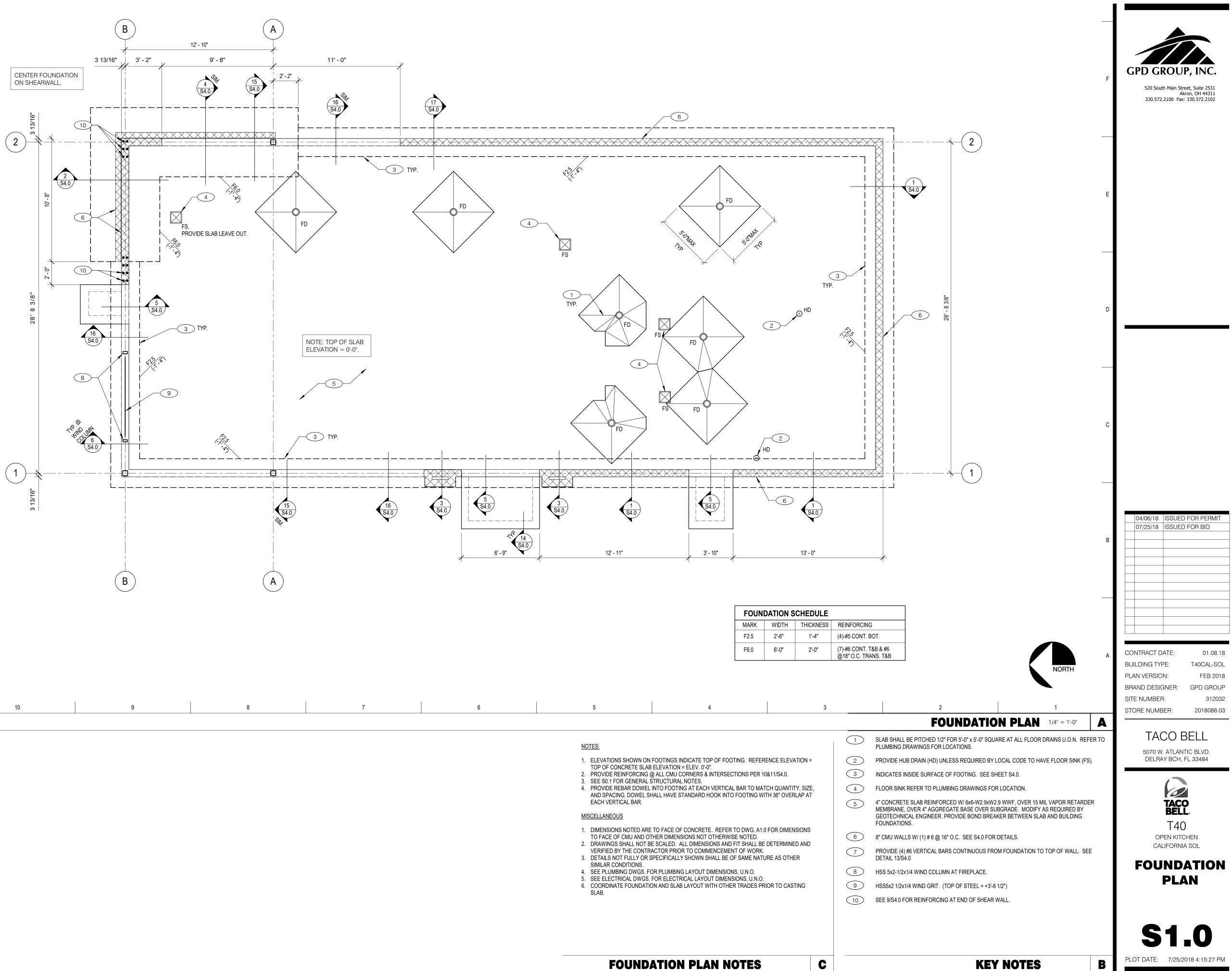
DELRAY BCH, FL 33484



OPEN KITCHEN CALIFORNIA SOL



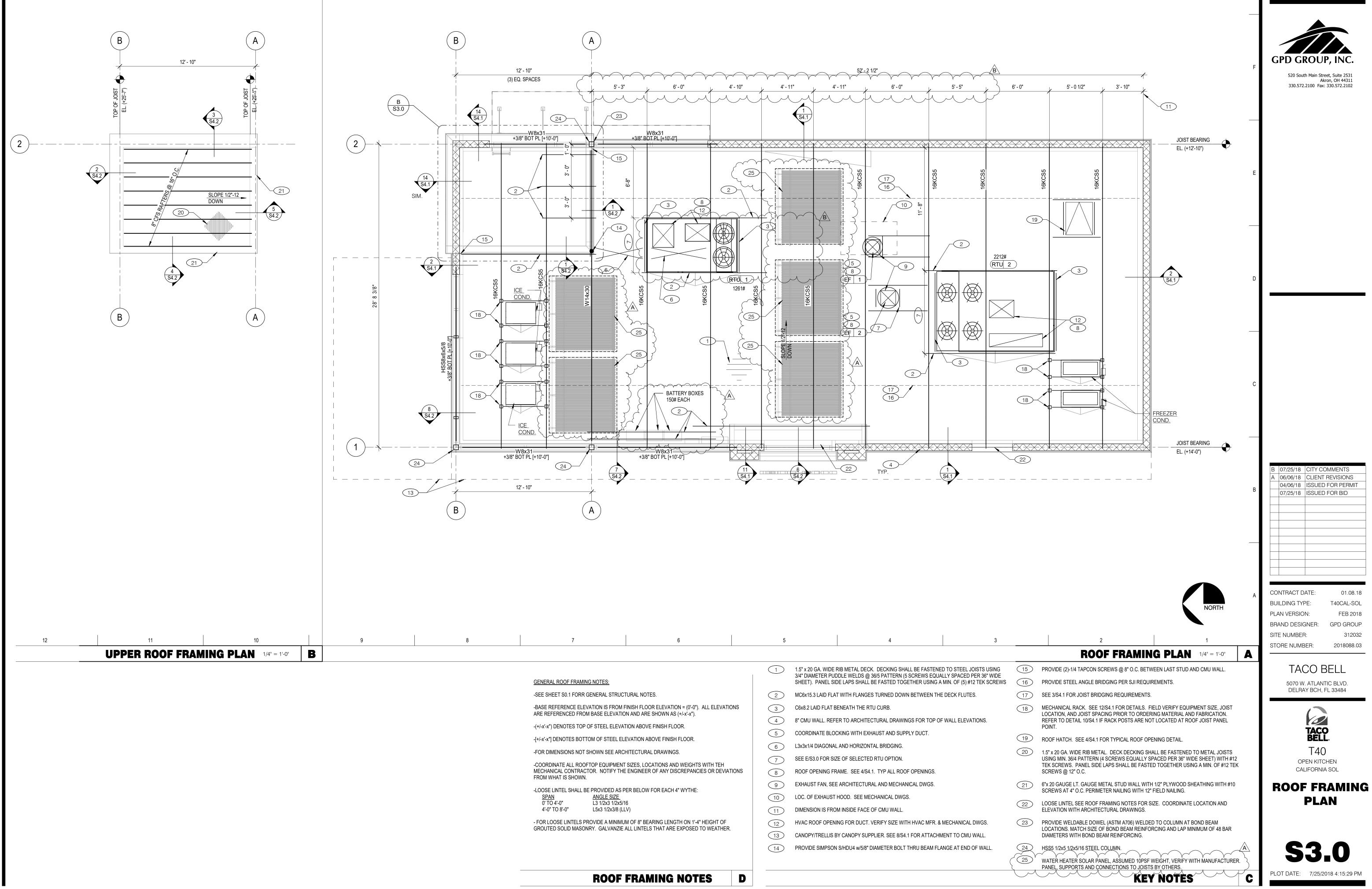




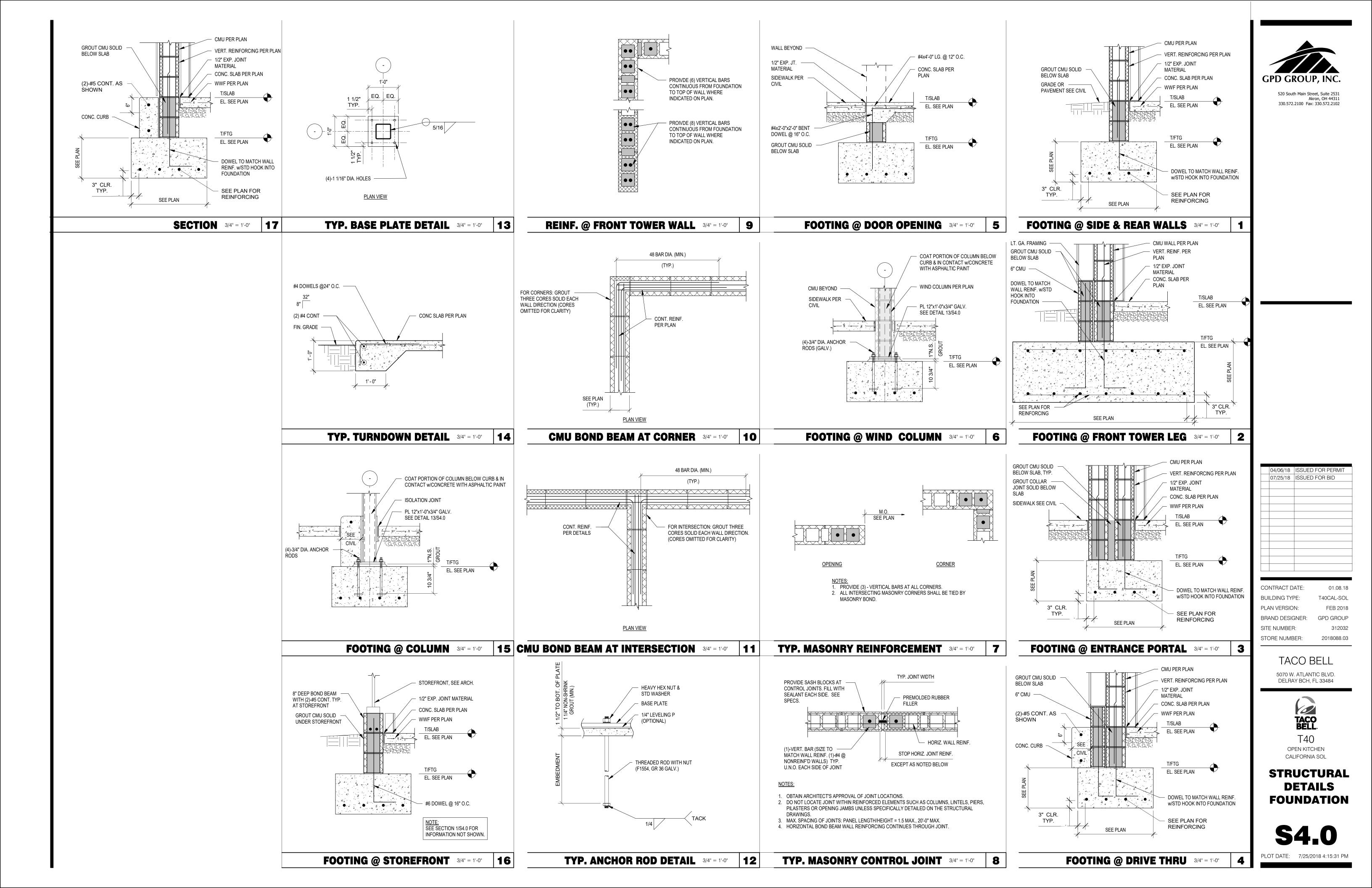
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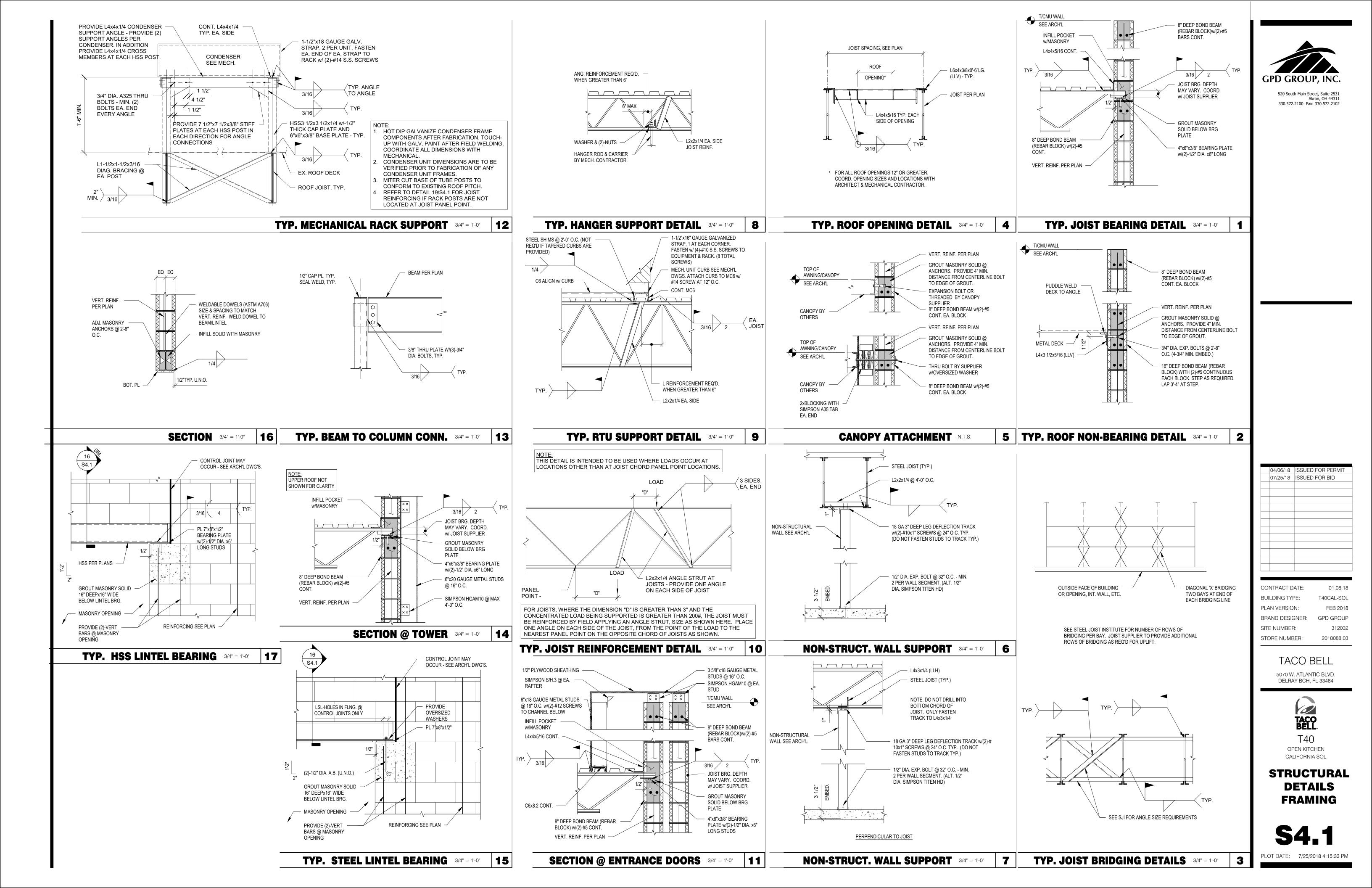
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MARK	WIDTH	THICKNESS		
F2.5	2'-6"	1'-4"		
F6.0	6'-0"	2'-0"		

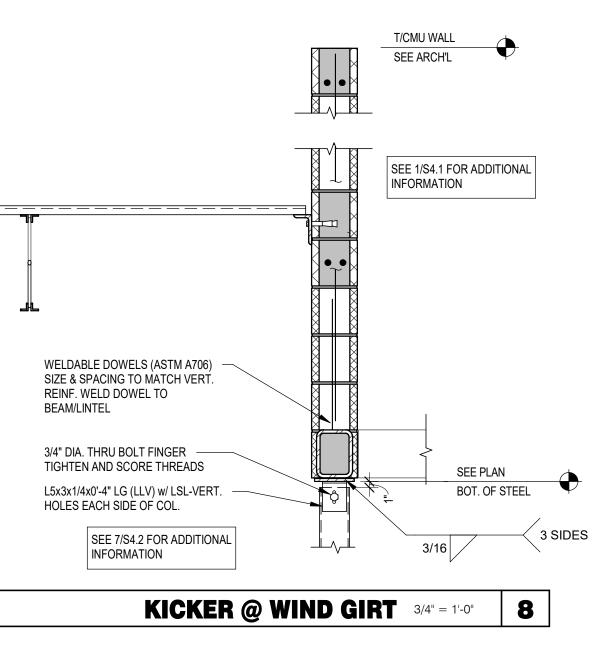
7	6	5	4

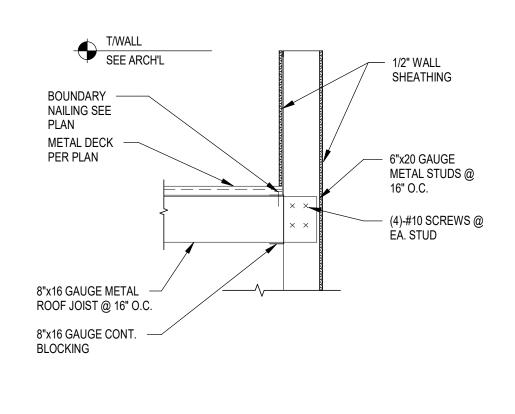


7	6	5		4	3
GENERAL ROOF FRAMING NOTES:			3/4" DIAMETER PUE SHEET). PANEL SIE	RIB METAL DECK. DECKING SHALL BE FASTENE DDLE WELDS @ 36/5 PATTERN (5 SCREWS EQUA DE LAPS SHALL BE FASTED TOGETHER USING A	ALLY SPACED PER 36" WIDE MIN. OF (5) #12 TEK SCREWS
-SEE SHEET S0.1 FORR GENERAL STRUCT	URAL NOTES.	(2)	MC6x15.3 LAID FLA	T WITH FLANGES TURNED DOWN BETWEEN THI	E DECK FLUTES.
-BASE REFERENCE ELEVATION IS FROM F ARE REFERENCED FROM BASE ELEVATIO	INISH FLOOR ELEVATION = (0'-0"). ALL ELEVATION AND ARE SHOWN AS (+/-x'-x'')	ONS 3	C6x8.2 LAID FLAT B	ENEATH THE RTU CURB.	
-(+/-x'-x") DENOTES TOP OF STEEL ELEVAT		4	8" CMU WALL. REF	ER TO ARCHITECTURAL DRAWINGS FOR TOP O	F WALL ELEVATIONS.
		5	COORDINATE BLOO	CKING WITH EXHAUST AND SUPPLY DUCT.	
-[+/-x'-x"] DENOTES BOTTOM OF STEEL EL	EVATION ABOVE FINISH FLOOR.	6	L3x3x1/4 DIAGONAL	. AND HORIZONTAL BRIDGING.	
-FOR DIMENSIONS NOT SHOWN SEE ARC	IITECTURAL DRAWINGS.		SEE E/S3 0 EOR SIZ	E OF SELECTED RTU OPTION.	
	SIZES, LOCATIONS AND WEIGHTS WITH TEH ENGINEER OF ANY DISCREPANCIES OR DEVIAT			AME. SEE 4/S4.1. TYP ALL ROOF OPENINGS.	
-LOOSE LINTEL SHALL BE PROVIDED AS P	ER BELOW FOR EACH 4" WYTHE	9	EXHAUST FAN, SEE	ARCHITECTURAL AND MECHANICAL DWGS.	
SPAN ANGLE SIZE 0' TO 4'-0" L3 1/2x3 1/2x5/1		10	LOC. OF EXHAUST	HOOD. SEE MECHANICAL DWGS.	
4'-0" TO 8'-0"			DIMENSION IS FRO	M INSIDE FACE OF CMU WALL.	
	M OF 8" BEARING LENGTH ON 1'-4" HEIGHT OF ALL LINTELS THAT ARE EXPOSED TO WEATHER.	12	HVAC ROOF OPEN	NG FOR DUCT. VERIFY SIZE WITH HVAC MFR. &	MECHANICAL DWGS.
		13	CANOPY/TRELLIS E	Y CANOPY SUPPLIER. SEE 8/S4.1 FOR ATTACH	MENT TO CMU WALL.
		14	PROVIDE SIMPSON	S/HDU4 w/5/8" DIAMETER BOLT THRU BEAM FL/	ANGE AT END OF WALL.

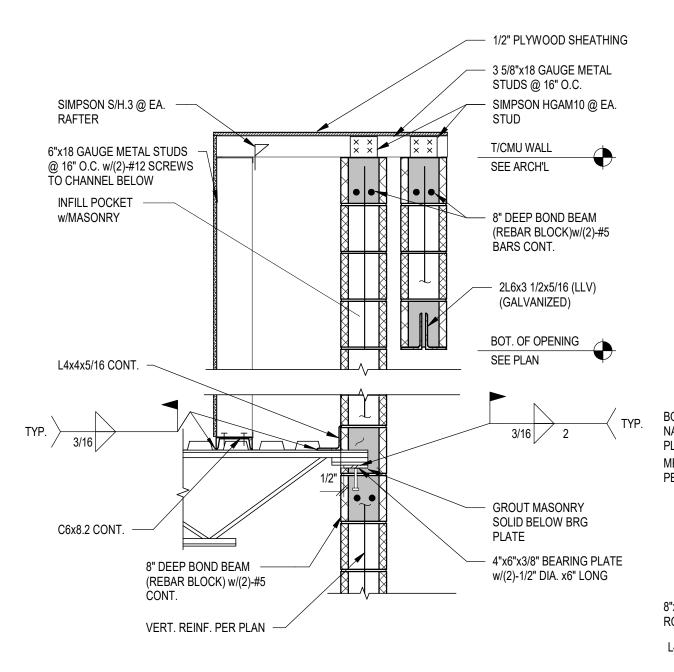


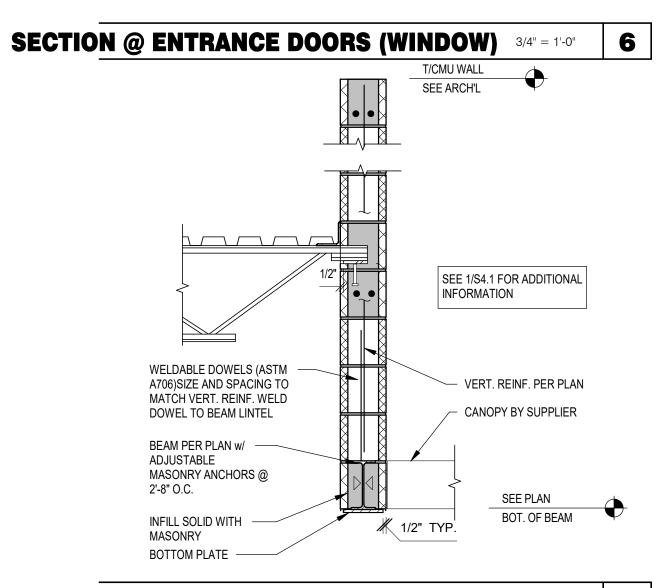




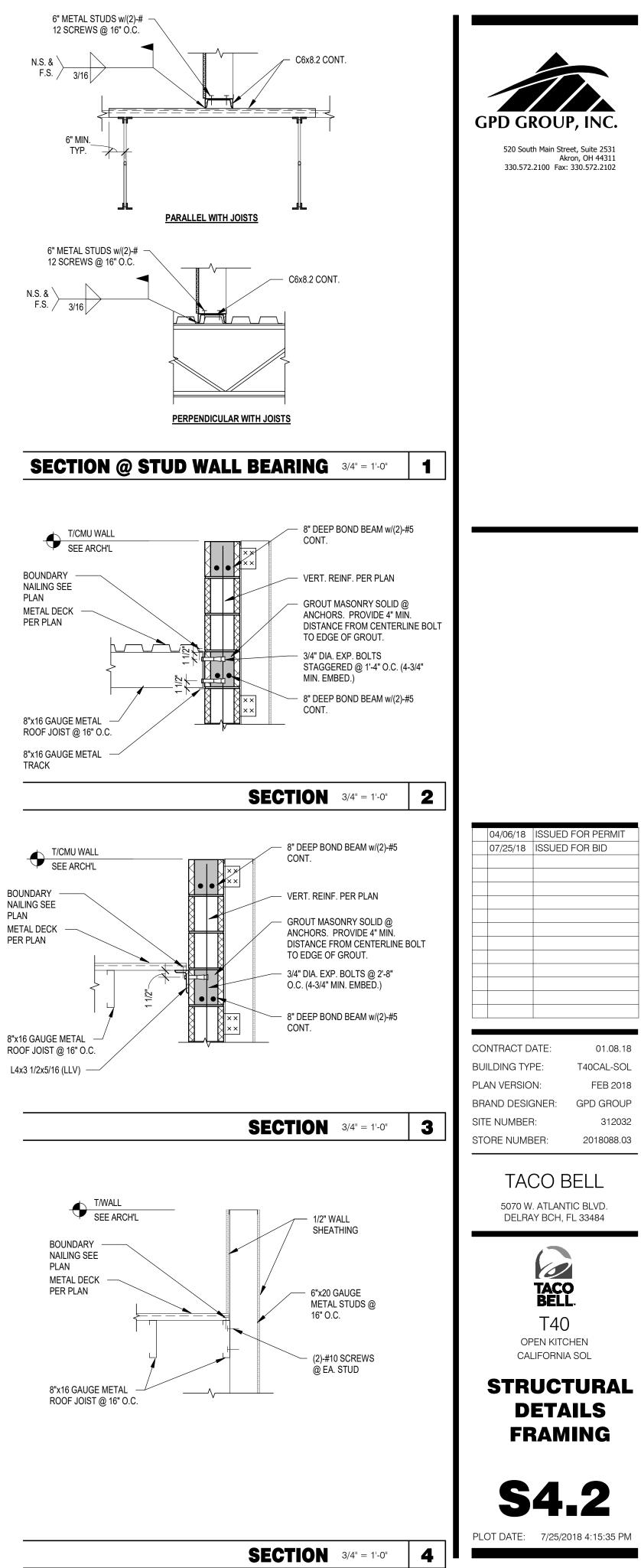


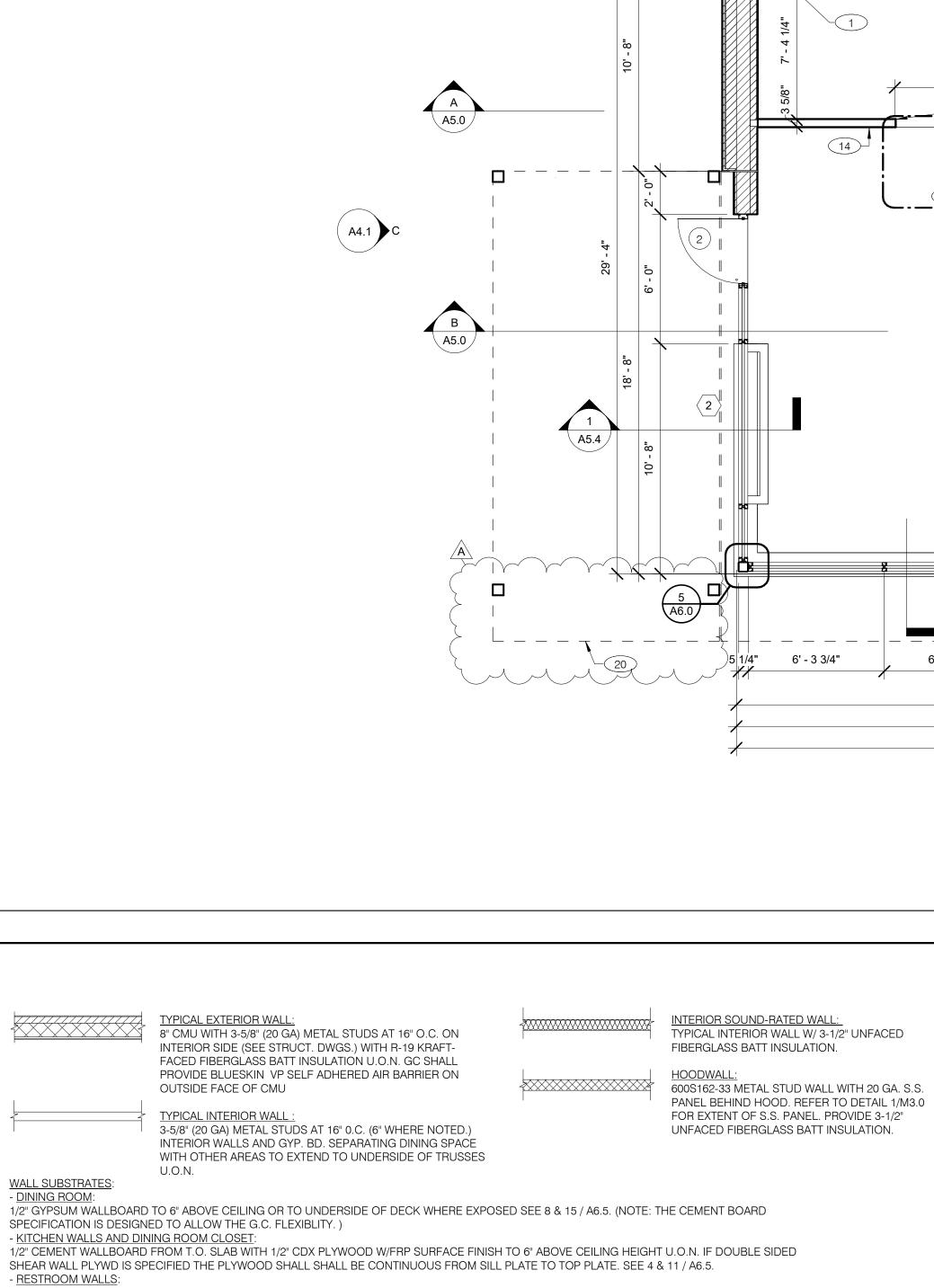
SECTION 3/4" = 1'-0" **5**





TYP. JOIST BEARING DETAIL @ WINDOW 3/4" = 1'-0"7





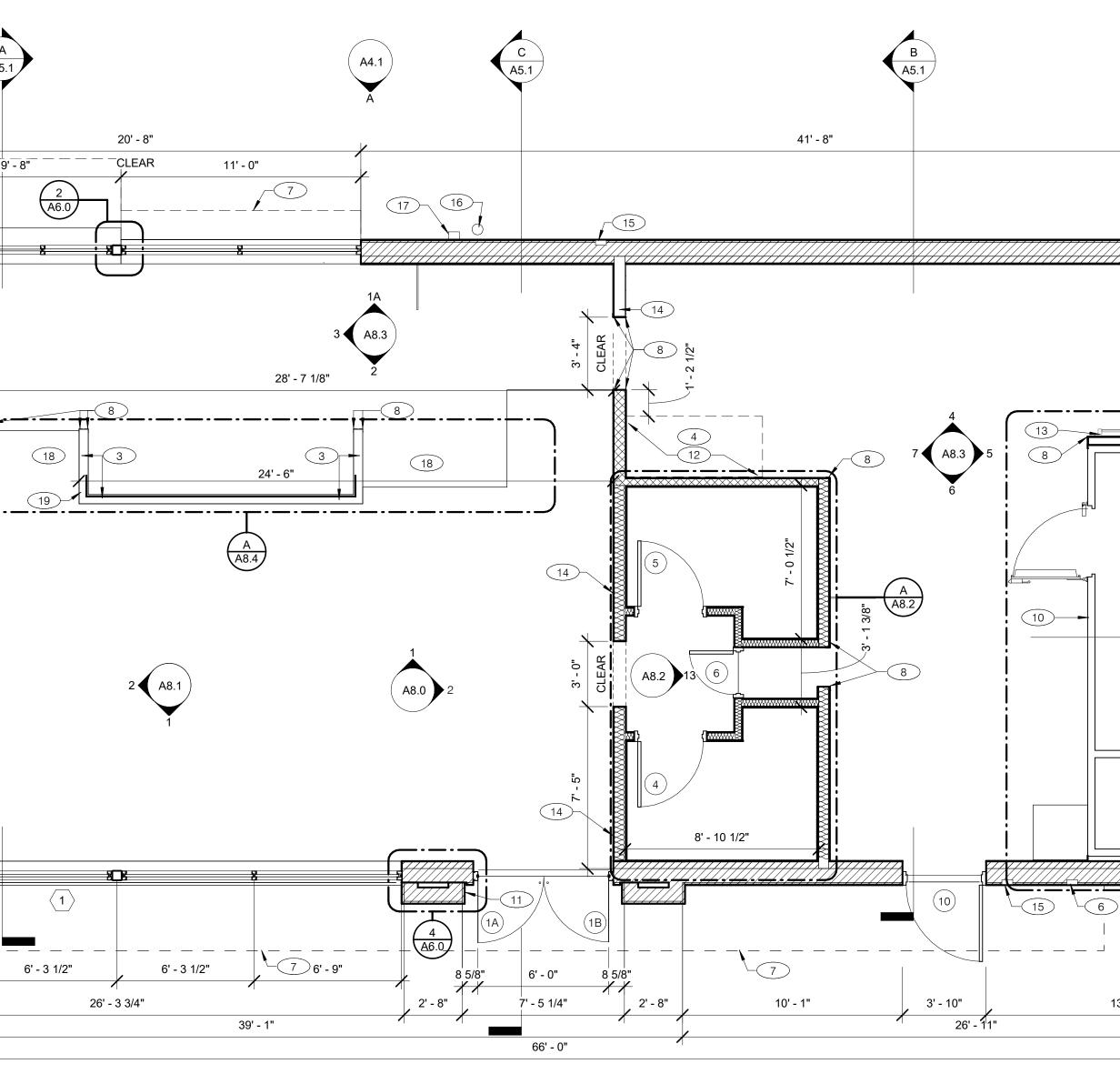
5/8" CEMENT WALLBOARD FROM T.O. SLAB TO 48" A.F.F. WITH 5/8" HI-IMPACT BRAND XP WALLBOARD, MOISTURE RESISTANT GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N.. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED. SEE 12 /A6.5.

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

WALL LEGEND

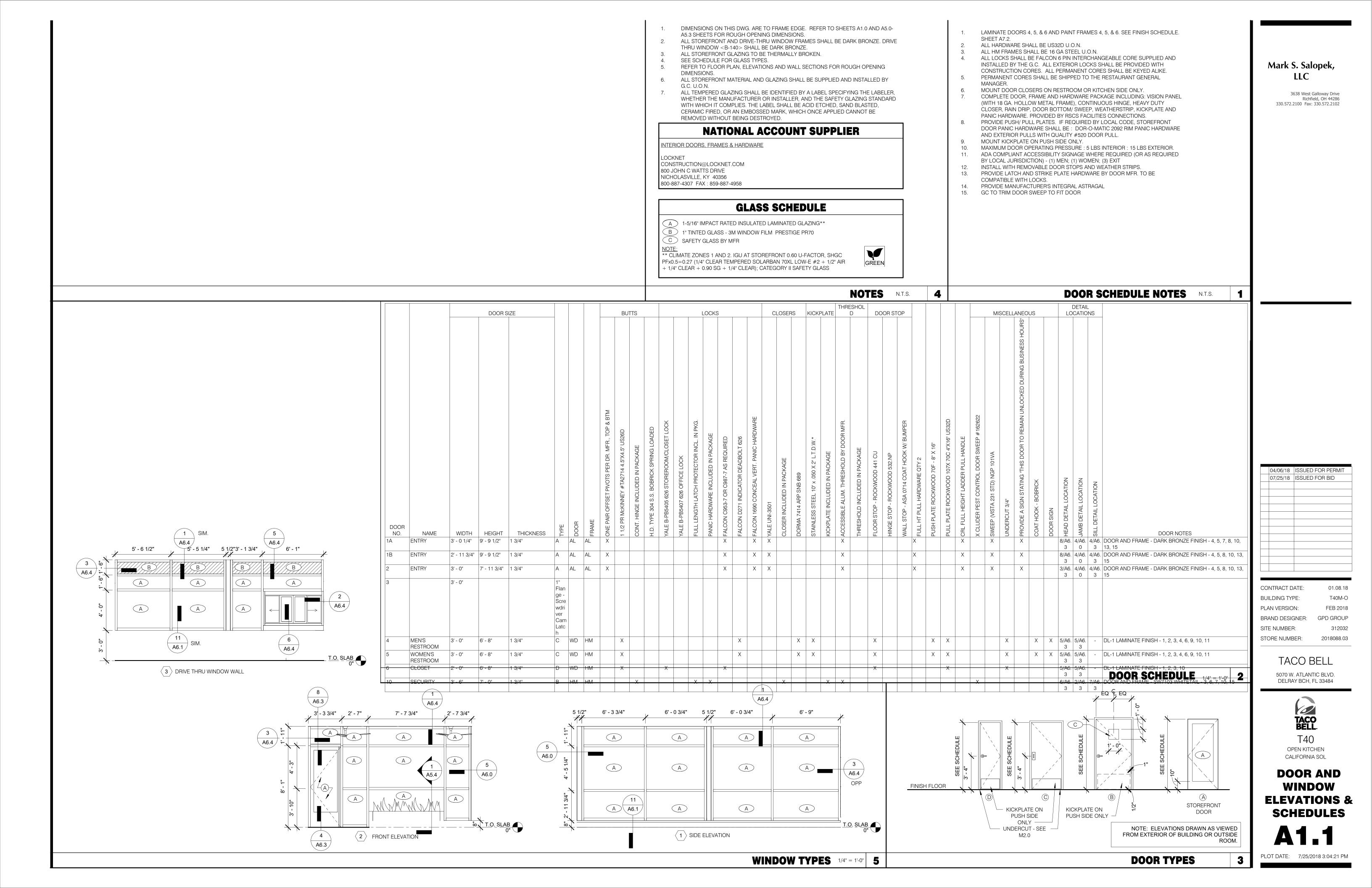
3' - 8"

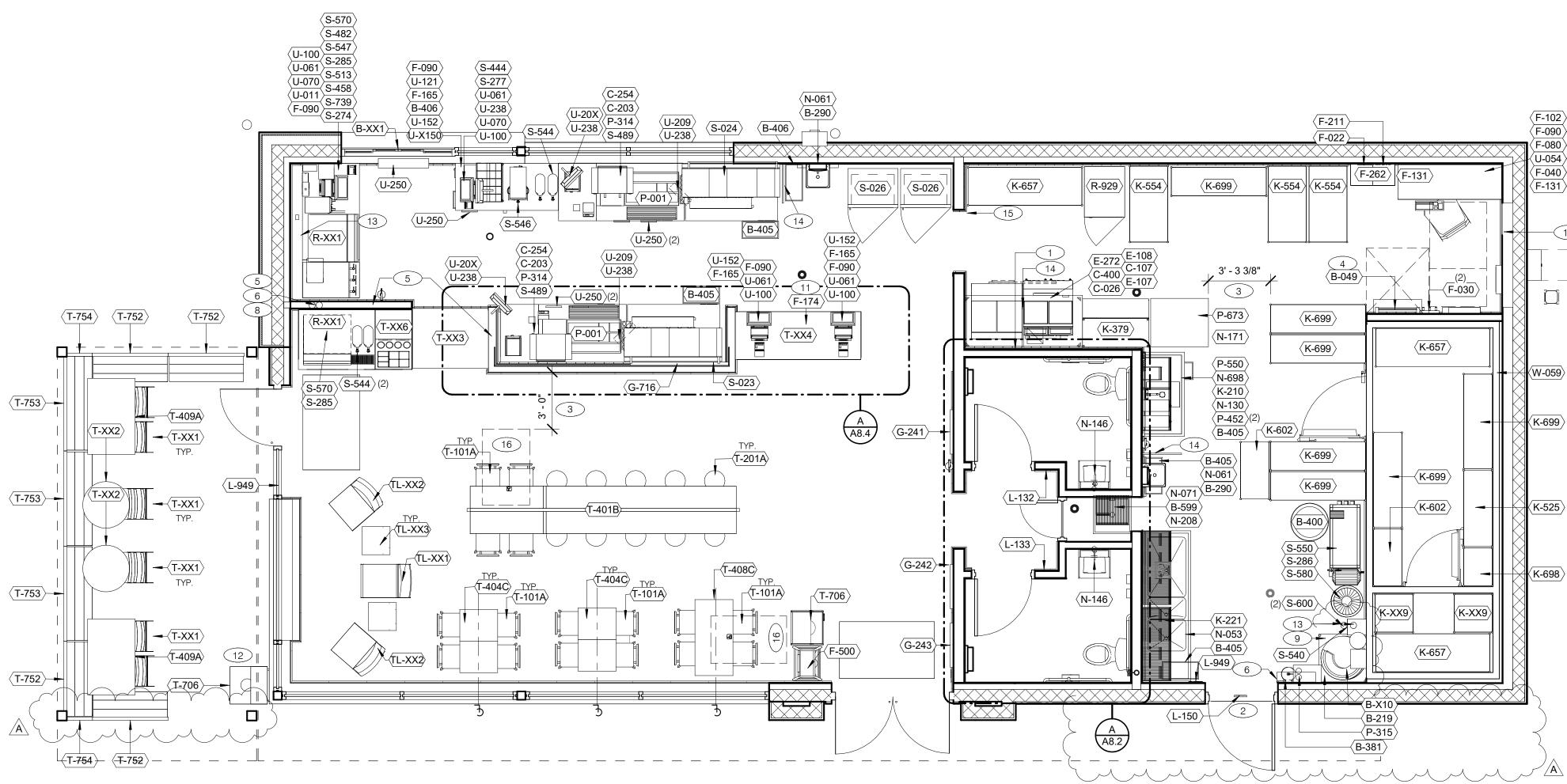
A6.0



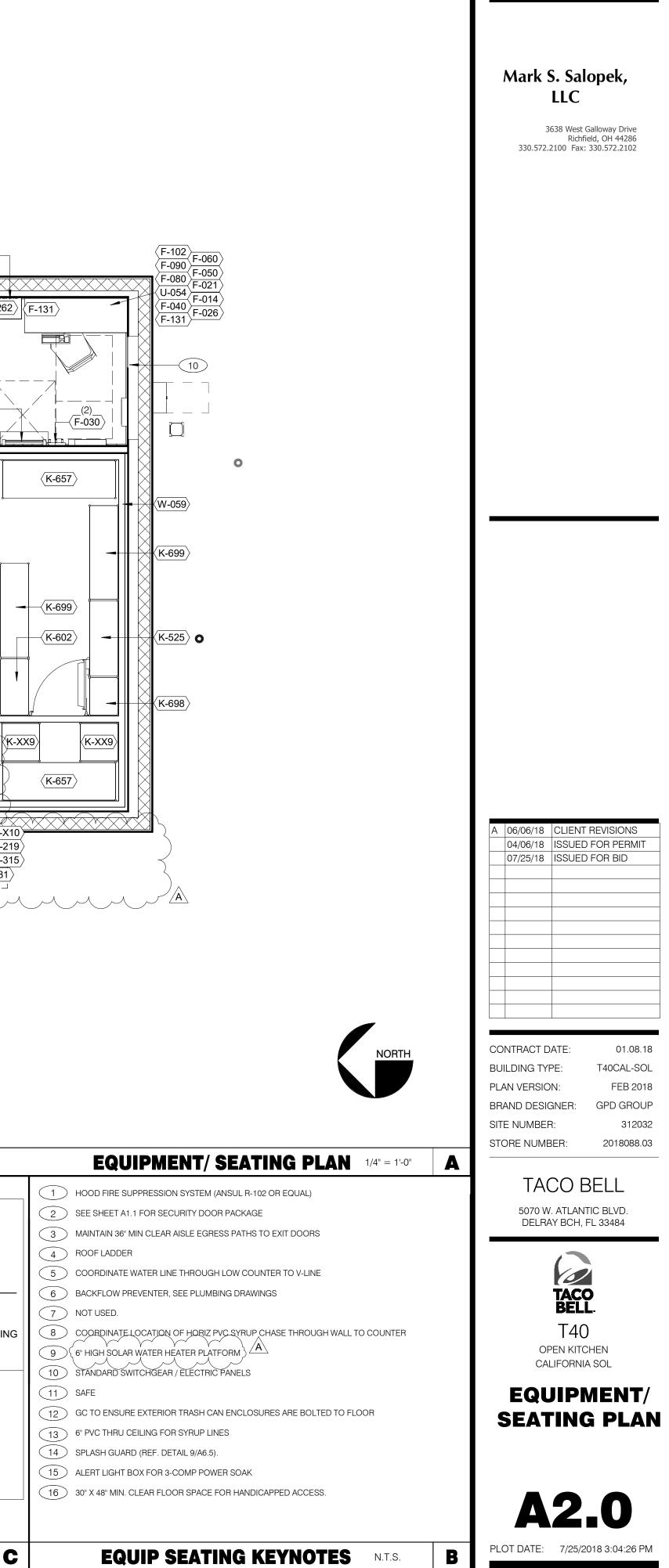


20' - 8'' $20' - 8''$ $41' - 8''$	Mark S. Salopek, LCS638 West Galloway Drive Richfield, OH 44286 30.572.2100 Fax: 330.572.2102
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c} & & & & & & & & & & & & & & & & & & &$	A 06/06/18 CLIENT REVISIONS 04/06/18 ISSUED FOR PERMIT 07/25/18 ISSUED FOR BID
A4.0 FLOOR PLAN 1/4" = 1'-0" A	CONTRACT DATE: 01.08.18 BUILDING TYPE: T40CAL-SOL PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03
 MINIMENSIONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM B. DIRROWS MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO FACE OF CMULLON REFERITO FOUNDATION FAILFORM MINISTONS ARE TO ROUCH OFFENDIO MINISTONS ARE TO ROUCH ARE ARE TO ROUCH OFFENDIO MINISTONS ARE TO ROUCH ARE ARE TO ROUCH OFFENDIO MINISTONS ARE TO ROUCH ARE A	<section-header><text><text><text><text><text></text></text></text></text></text></section-header>
FLOOR PLAN NOTESCPLAN KEYNOTESN.T.S.	PLOT DATE: 7/25/2018 3:04:18 PM





		FURNITURE PA	CKAGE E		ARTWORK S	CHEDULE	D	GENERAL I	NFORMATIO	N.T.S.
							FROZE	N 10 LF	10) LF
							COLD	25 LF		5 LF
							DRY	46 LF		5 LF
							<u>STORA</u>	<u>GE TYPE</u> <u>REQUI</u>	<u>RED</u> PR	OVIDED
	2	HAIRPIN SQUARE SIDE TABLE					SHELV	ING QUANTITIE	S	
	2	LOUNGE CHAIR #1								
	1	SIDE CHAIR							ON THE PATIO OP	TION SELECTED
	1	CONDIMENT CONSOLE							* SEATING COUNT	
	1	SAUCE AND SODA TABLE BY IDX								
	1	POS COUNTER BY IDX						,,,,,,,,	*TOTAL	53
	1	SINGLE TRASH RECEPTACLE 48" HAND OFF PLANE					TOTAL	1,669 SF		21
	1								*EXTERIOR	24
	4	24" X 20"TABLE TOP AND ROUND BASE	G	-716 1 '	-LINE ARTWORK - CRUNCH WRAP	G-716-1-N/A-62.375X3	^{9.5} BOH	937 SF	INTERIOR	29
	1	HUB TABLE (SLICK BLUE)			/ASH UP	G-243-X-01-28X40	FOH	732 SF		
	10	29" BARSTOOL	G		/ASH UP	G-242-X-01-28X40	<u>Squai</u>	<u>RE FOOTAGES:</u>	SEATING:	
	16	CHAIR - WOOD SEAT/ METAL BACK	G	-241 1	IASH UP	G-241-X-01-28X40				
	Q.11.						<u> </u>			
ΥM.	QTY.	ITEM		EQ# COUNT	DESCRIPTION	ORDERING N	0			

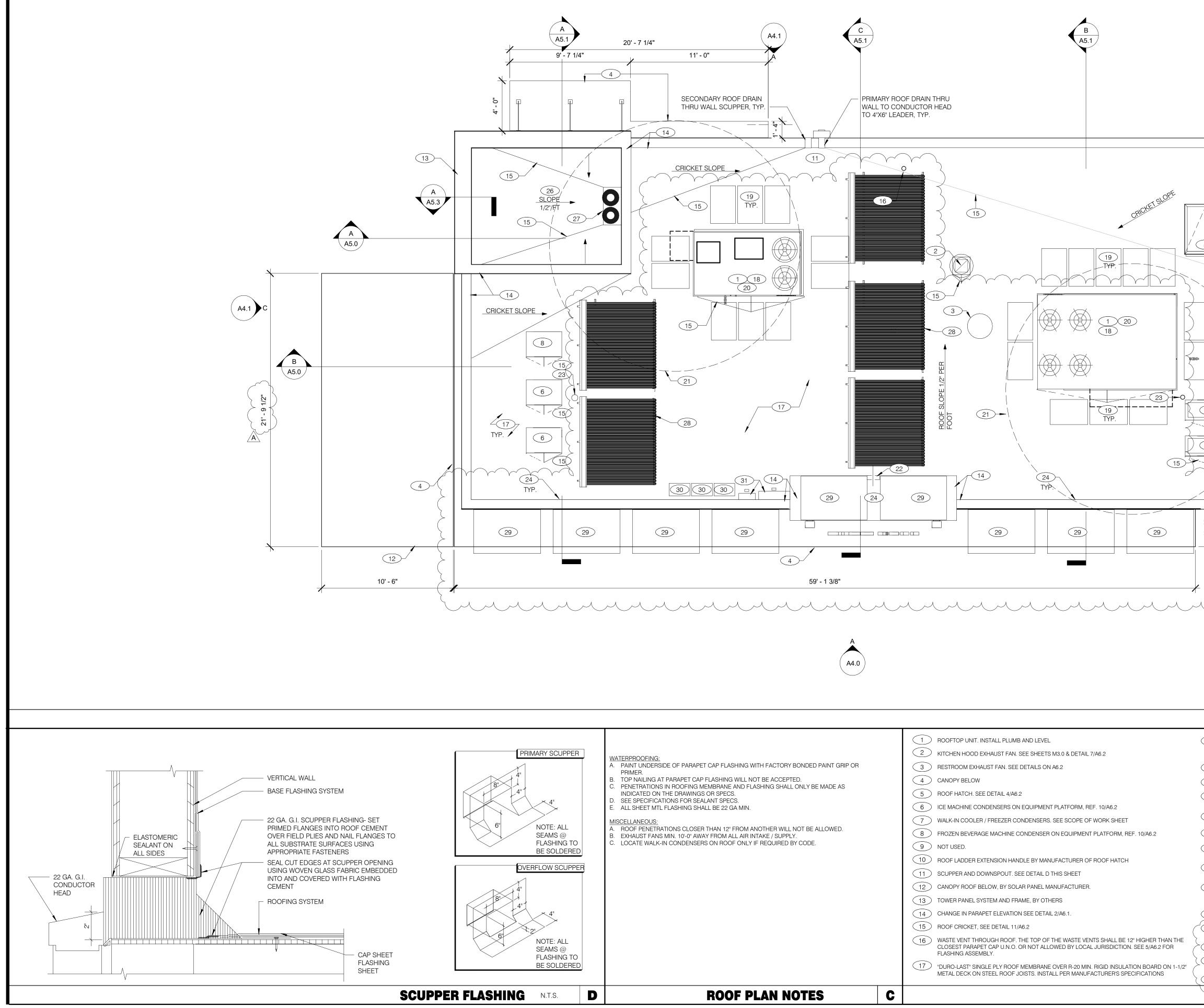


		EQUIPMENT SCHEDULE					EQUIPMENT SCHEDULE			
ISTALL					INSTALL					
NO. QTY (5)	C ITEM DESCRIPTION	MFR. & MODEL NUMBER	REMARKS	NO.	QTY ♂		MFR. & MODEL NUMBER		REMARKS	Mark S. Salopek,
B CONTRACTOR BUILDING ELEMEN				_						LLC
B-049 1 X B-219 1 X	ROOF LADDER WATER HEATER DUNNAGE RACK	PRECISION #FL184 NEW AGE INDUSTRIAL CORP., INC #98147 X		PATIO T-080	1	SINGLE TRASH ENCLOSURE			LARGE	3638 West Galloway D Richfield, OH 44
B-241 3 X	SOAP DISPENSER (WALL MOUNT)	KAY 3741		T-452	2	30" X 48" PLYWOOD TABLE TOP ADA			LARGE	330.572.2100 Fax: 330.572.2
B-251 2 X B-253 2 X	SANITIZER DISPENSER (WALL MOUNT) PAPER TOWEL DISPENSER / TRASH 12 GALLON	KAY 3741 BOBRICK #B-3944			3	RAILING + BENCH_48" RAILING + BENCH_60"			LARGE LARGE	
B-265 2 X	MIRROR, 18" x 36"	BOBRICK #B-165-1836		T-754	2	16" EXTERIOR RAILING			LARGE	
B-275 2 X B-290 1 X	TOILET PAPER DISPENSER PAPER TOWEL DISPENSER	BOBRICK #B-2890 BOBRICK #B-262			6	VEKINAS SIDE CHAIR BY KIAN INTERLACE DINING TABLE BY KIAN			LARGE LARGE	_
B-300 2 X	GRAB BAR 1-1/2" DIA. x 36" S.S. FIN.	BOBRICK #B6806X36			2					
B-305 2 X B-310 2 X	GRAB BAR 1-1/2" DIA. x 42" S.S. FIN. GRAB BAR VERTICAL 1-1/2" DIA. x 18" S.S. FIN.	BOBRICK #B6806X42 BOBRICK #B6806X18		R REFRIGERATI		FULL HT FREEZER (RH HINGED)	DELFIELD #GBF1P-SH	V	OPTIONAL: R-038 U/C FREEZER - DELFIELD	
B-381 1 X	CO2 CARBON DIOXIDE SENSOR/WARNING	AMPROBE CO2-200 X							#407CA-DHL-TB3	
B-400 1 X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)		R-XX1	2 X	REMOTE ICE CUBE MACHINE	MANITOWOC	X X		
B-405 5 X B-406 3 X	WASTE BASKET WASTE BASKET	RUBBERMAID SLIM JIM #3541 (GREY) RUBBERMAID 28 QT #2956 (BLACK)		S SERVING/DRIV	VE-THRU					
B-410 1 X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140		S-023 S-024	1 X	WARMER EVO TACO TOWER TB 208V - R TO L UNIT WARMER EVO TACO TOWER TB 208V - L TO R UNIT	CARTER HOFFMAN # EVOL208 CARTER HOFFMAN # EVOR208		MOUNT TO PRODUCTION LINE MOUNT TO PRODUCTION LINE	
B-599 1 X B-X01 1 X	MOP SINK STATION FIREPLACE (2) - 40" UNITS	ISS #WST806Y DIMPLEX OPTI-MYST PRO 1000, #CDFI1000-PRO		S-024	2 X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB	X		
B-X10 1 X	120 GALLON SOLAR STORAGE TANK WITH INTERNAL COIL HX, 28"		*	S-204	1 X	DRIVE-THRU TIMER SYSTEM	HME #C11422TB	X		
B-X11 1 X	JIAM. 3-GALLON EXPANSION TANK	CALEFFI APS-EXP-3G X		S-254 S-274	1 X	CONDIMENT RACK 61"(W) X 36"(D) DRIVE-THRU DRINK / POS TABLE	PRONTO PRODUCTS #CHPWO446 SPG WST1242YA			
B-X12 1 X	SOLARHOT PUMP STATION	SOLARHOT APS-SOLVELOX PS X X	<u> </u>	S-284	1 X	BEVERAGE DISPENSER		X X		
B-X13 1 X B-X14 1 X	TANKLESS WATER HEATER, 199,000BTUh SOLAR WATER HEATER DATA LOGGER	LOCHINVAR X X RESOL DL2 X		S-285 S-286	1 X 1 X	BEVERAGE DISPENSER WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003	X X X X	OR CORNELIUS IDC255 PROGATE 5 (BY PEPSI) FRANCHISEES CAN USE SELECTO #TB5/620-5	-
B-X15 1 X	SOLAR WATER HEATER CONTROL PANEL	RESOL DELTASOL BX X		S-349 / S-277	1	PICK-UP DRIVE-THRU COUNTER (30" x 42") WITH 24" CONDIMENT				
B-XX1 1 X		QUICKSERV			1	STAND NAPKIN DISPENSER	SCA TISSUE #5555100			-
				S-458	1 X	24"(W) X 36"(D) FRUTISTA TABLE	SPG WST1343Y			
C-026 1 X	FRYER RETHERMALIZER	PITCO #TB-SSHLV14-2/FDXPITCO #TB-SRTG14-2X	X	S-482 S-489	3	DIGITAL SCALE	EDLUND DS-10		FRANCHISEES CAN USE HOSHISAKI KMS-1230	
C-107 1 X C-203 2 X	SPLIT LID CLAM SHELL TOASTER	PITCO #TB-SRTG14-2 X X DOUGHPRO #SL15775TBA (STAR OPTIONAL) X		S-513	1 X	ICE MAKER PLACED ON TOP OF DRINK MACHINE	MANITOWOC # IY-1474C	X X	WITH REMOTE MOUNTED CONDENSORS	
C-254 2 X	CHEESE MELTER (SINGLE)	A. J. ANTUNES # CM-100 X X		S-540 S-544	1 X	PEPSI BOOSTER TANK TEA URNS	BUNN TDO-N-3.5	X X	SEE SCOPE OF WORK (PEPSI) 3.5 GAL NARROW ICED BEVERAGE DISPENSER	
C-400 1 X	COOK TIMER	FAST #TBZAP12 X	FOR THE RETHERMALIZER	S-544 S-546	1 X	ICED TEA BREWER	TETLEY TB3Q	X X		
E EXHAUST HOODS/FIRE SUPP.				S-547	1	BUNN POD BREWER BAG-IN-BOX SYRUP RACK		X		
E-107 1 X E-108 1 X	STRATOVENT 6'-3" EXHAUST HOOD STRATOVENT 106"H X 111" L BACK SPLASH	STRATOVENT MODEL # TBG365OSVBD6FT3IN X STRATOVENT MODEL #BACKSPLASH106X111FLA X	HOOD IS PRE-PIPED FOR ANSUL SUPPRESSION	S-550 S-570	2	CARBONATOR	CORNELIUS/REMCOR BNB12B8P CORNELIUS/REMCOR	X X X	FLO-3REG-2CRB (BY PEPSI) SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)	
E-272 1 X	TIMER BRACKET	X		S-580	1	CO2 (BULK) TANK	MVE #11805373			
F OFFICE/EMPLOYEE/MUSIC/MISC.				S-600 S-739	2 X 1 X	BUNDLED SYRUP LINES FROZEN BEVERAGE DISPENSER	CORNELIUS/REMCOR TUBE BUNDLE FBD #1273610021	X X		
F-014 1 X	FILE CABINET (2 DRAWER HIGH) 18" x 36" x 27"H	HON #582LL	IN OFFICE AREA. SEE SHEET A8.2	S-740	1	REMOTE CONDENSOR FOR FROZEN BEVERAGE DISPENSER	FBD #12-3003-0006	X X		
F-021 1 X	CHAIR - OFFICE LICENSE FRAME 8" X 10" (BLACK)	HON #4609AB10 CREATIVE PALETTE TB30	IN OFFICE AREA. SEE SHEET A8.2 IN OFFICE AREA. SEE SHEET A8.2	S-XX2	1 X	FLY FAN	TBD			
F-022 1 X	DESK LAMP	EURI# EL01E	IN OFFICE AREA. SEE SHEET A8.2	T-FURNITURE						
F-030 2 X		ISS #HOOK246R2Y		T-101A T-201A	16	CHAIR - WOOD SEAT/ METAL BACK 29" BARSTOOL	Generic			
F-040 1 F-050 1	OFFICE COMPUTER CREDIT CARD SATELLITE ROUTER JUNCTION	POS PROVIDED X YUM	IN OFFICE AREA. SEE SHEET A8.2	T-401B	1	HUB TABLE (SLICK BLUE)				
F-060 1	MONITOR - OFFICE	YUM		T-404C T-408C	4	24" X 20"TABLE TOP AND ROUND BASE 24"X48"X30" ADA TABLE				
F-080 1 F-090 5	OFFICE PRINTER/COPIER/FAX/SCANNER UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED X POS PROVIDED X			1	SINGLE TRASH RECEPTACLE				
F-102 1	MONEY COUNTER	TELLER MATE #TIXR3000 X		TL-XX1	1					
F-131 1 F-165 3 X	MUSIC SYSTEM DROP SAFE	MUZAK #6848 PERMA VAULT #PRO-10		TL-XX2 TL-XX3	2	LOUNGE CHAIR #1 HAIRPIN SQUARE SIDE TABLE				A 06/06/18 CLIENT REVISIO
F-174 1 X	SAFE WITH TOUCH SCREEN CONTROLS	BRINKS TIDEL SENTINAL SIDE VAULT X								07/25/18 ISSUED FOR BI
F-211 1 X F-262 1 X	CLOCK EMPLOYEE LOCKERS - 6 COUNT	B&B SYSTEMS #02100100 12 X 15 X 72 GREY	IN OFFICE AREA. SEE SHEET A8.2		DMM./FIRE PROTS	S/POS BASE STATION - D/T COMM. SYSTEM	HME-HEADSET SYSTEM,FIVE,#C40000-5-HS3-TB			
F-270 1 X	FIRST AID KIT	PROSTAT FIRST AID LLC #2617	IN OFFICE AREA. SEE SHEET A8.2	U-20X	3	VERTICAL MONITOR SUPPORT ARM				
F-500 1 X F-915 2 X	STACKABLE HIGH CHAIR FLOOR MAT 3' X 5'	KOALA #KOA-KB103-01 ENTRANCE, INC. #41150012		U-052 U-054	1 X 1 X	SECURITY SYSTEM CCTV DVR & MONITOR	ADT #3BCZTB MARTCO - NUVICO DVR			
1-913 Z A		LINTHANCE, INC. #41130012		U-061	4	CREDIT CARD READER (VSAT)		X		
K WORKSTATIONS/SHELVING/CARTS	S PREP SINK WORKSTATION 50" TRACK	ISS #WST255E		U-070 U-100	2	RECEIPT PRINTER POS/ORDER ENTRY TERMINAL	IBM, NCR & PAR IBM, NCR & PAR	X		_
K-210 1 X K-221 1 X	3 COMP SINK WORKSTATION 50" TRACK	ISS #DS-1F		U-121	1	CASH DRAWER BRACKETS	IBM, NCR & PAR			
K-379 1	FRY WORKSTATION 42"W x 30"D x 75"H	ISS # WST1710E		U-152 U-209	3	CASH DRAWER EVO MONITOR SUPPORT ARM	IBM, NCR & PAR FACILITIES SOLUTIONS #SW550340-24			
K-525 1 K-554 3	48X18 5-TIER RACK SHELVING 48X24 5-TIER RACK SHELVING	ISS #TBD ISS #TBD		U-209 U-238	6	EVO MONITOR SUPPORT ARM KITCHEN MONITOR	IBM, NCR & PAR	X		
K-602 2	36X18 5-TIER RACK SHELVING	ISS #TBD		U-250	6	BUMP BAR	IBM, NCR & PAR		WITH MOUNTING PLATE	
K-657 3 K-698 1	72X24 5-TIER RACK SHELVING 24X18 5-TIER RACK SHELVING	ISS #TBD S #TBD		W WALK-IN COO	OLERS/FREEZERS	S				CONTRACT DATE: 0 BUILDING TYPE: T40C/
K-699 7	60X18 5-TIER RACK SHELVING	ISS #TBD		W-059	1 X		ICS/NORLAKE	X X		PLAN VERSION: FE
K-750 1 X K-XX9 2	WATER SOFTENER UNIT HOLDER 14"X30"X9" 24X24 5-TIER RACK SHELVING	ISS #WATRK230Y ISS #TBD	OPTIONAL INSTALL	-						BRAND DESIGNER: GPD (
										SITE NUMBER:
L LIGHTING/SIGNAGE/MENUBOARD	S SIGN- TACO BELL RESTROOM WOMEN WITH BRAILLE 10"X6.5"									STORE NUMBER: 2018
L-132 1 L-133 1	SIGN- TACO BELL RESTROOM WOMEN WITH BRAILLE 10"X6.5" SIGN- TACO BELL RESTROOM MEN WITH BRAILLE 10"X6.5"			_						
L-150 1 X	SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM	ORDERED DIRECT FROM YRFS	_						TACO BELL
L-949 3 X L-XX1 1	NO SMOKING SIGN INTERIOR MENU BOARD DISPLAYS	VOLLRATH #4513 LG #TBD								
				_						5070 W. ATLANTIC BLV DELRAY BCH, FL 3348
N SINKS/DISHWASHERS	3-COMP POWER SOAK 95"L x 31"D (L TO R)	METCRAFT #TBD X X	W/ PRE-RINSE, CLICK & CLEAN SYSTEM & (2) T & SB-2466							
N-062 2 X	HAND SINK WITH FAUCET	AERO #HSK-A X	FAUCETS OPTIONAL - N-706, N-075, N-076, N-077, N-078	_						
N-062 2 X N-071 1 X	MOP SINK FAUCET	T&S #B-2465 X								
N-130 1 X		T&S FAUCET B-2465 X SLOAN # SE 2350 X		_						TACO BELL
N-146 2 X N-171 1 X	FAUCET (RESTROOMS) 1 COMP. SINK WASTE DRAIN LEVER	SLOAN # SF-2350 X T&S FAUCET S-20 X	FRANCHISE OPTION N-164 T&S B-24602" TWIST TYPE, FOR N-698	-						T40
N-208 1 X	MOP SINK 24"X24" FLOOR MOUNT SINK	AERO MANUF. CO., INC. #3MP-2121-6/1P X	INCLUDES (2) 24"X36" WALL PANELS							I 40 OPEN KITCHEN
N-698 1 X	1 COMP PREP SINK 53"W X 27"D X 35 1/2"H	AERO #2F1211617LR X								CALIFORNIA SOL
P FOOD PREPARATION				7						EQUIDATE
P-001 1 X P-002 1 X	V-LINE V-LINE			-						EQUIPME
P-314 2 X	WATER PRESSURE REGULATOR KIT	A.J. ANTUNES & CO #7000314 X	FOR PRODUCTION LINE	-						SCHEDU
P-315 1 X P-417 1 X	REVERSE OSMOSIS SYSTEM	CUNO #FSTM-07 X FAST # KTRACK 2X4 TB X	REQUIRES FLOOR SINK ALTERNATE- PRINCE CASTLE # 755HM8TB	_						
P-417 1 X P-452 2 X	8 CHANNEL TIMER HOT WATER SYSTEM	BUNN-MACHINE #43600.0014 X X								
P-550 1 X		EDLUND #KR-699		_						
P-673 1	WORKTABLE, 36" x 30"	ISS #WST908YA								

		INSTALL					
NO.	QTY	U U	Q	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMB	REMARKS
NO.	QT	Ğ	>	TEM DESCRIPTION		Ф. Ш	10 HEIMAHRO
	1			SINGLE TRASH ENCLOSURE 30" X 48" PLYWOOD TABLE TOP ADA			LARGE LARGE
	2			RAILING + BENCH 48"			
	3			RAILING + BENCH 60"			LARGE
	2			16" EXTERIOR RAILING			LARGE
	6			VEKINAS SIDE CHAIR BY KIAN			LARGE
	2			INTERLACE DINING TABLE BY KIAN			LARGE
IGERATIO	N		1				
	1	X		FULL HT FREEZER (RH HINGED)	DELFIELD #GBF1P-SH	X	OPTIONAL: R-038 U/C FREEZER - DELFIELD #407CA-DHL-TB3
	2	Х		REMOTE ICE CUBE MACHINE	MANITOWOC	X X	
G/DRIVE	-THRU						
	1	Х		WARMER EVO TACO TOWER TB 208V - R TO L UNIT	CARTER HOFFMAN # EVOL208	Х	MOUNT TO PRODUCTION LINE
	1	X		WARMER EVO TACO TOWER TB 208V - L TO R UNIT	CARTER HOFFMAN # EVOR208	X	MOUNT TO PRODUCTION LINE
	2	X		HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB	X	
	1	X		DRIVE-THRU TIMER SYSTEM CONDIMENT RACK	HME #C11422TB PRONTO PRODUCTS #CHPWO446	X	
	1	X		61"(W) X 36"(D) DRIVE-THRU DRINK / POS TABLE	SPG WST1242YA		
	1	X	+	BEVERAGE DISPENSER		X X	
	1	X		BEVERAGE DISPENSER		X X X	OR CORNELIUS IDC255 PROGATE 5 (BY PEPSI)
	1	Х		WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003	X X	FRANCHISEES CAN USE SELECTO #TB5/620-5
77	1			PICK-UP DRIVE-THRU COUNTER (30" x 42") WITH 24" CONDIMENT	LPSPG #WST 1344Y		
	1			STAND NAPKIN DISPENSER	SCA TISSUE #5555100		
	1	Х		24"(W) X 36"(D) FRUTISTA TABLE	SPG WST1343Y		
	3						
	2	X		DIGITAL SCALE	EDLUND DS-10 MANITOWOC # IY-1474C	x x	FRANCHISEES CAN USE HOSHISAKI KMS-1230 WITH REMOTE MOUNTED CONDENSORS
	1	X		PEPSI BOOSTER TANK		X X X X	SEE SCOPE OF WORK (PEPSI)
	2		-	TEA URNS	BUNN TDO-N-3.5		3.5 GAL NARROW ICED BEVERAGE DISPENSER
	1	X		ICED TEA BREWER	TETLEY TB3Q	X X	
	1			BUNN POD BREWER	MY CAFE AP AUTOPOD # 42300.0008	Х	
	1			BAG-IN-BOX SYRUP RACK	CORNELIUS/REMCOR BNB12B8P	X	FLO-3REG-2CRB (BY PEPSI)
	2			CARBONATOR	CORNELIUS/REMCOR	X X	SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)
	-						
	1			CO2 (BULK) TANK	MVE #11805373		
	1 2	X		BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X	
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		Mark S. Salopek, LLC
		3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102
	TYP. 24	
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		A 06/06/18 CLIENT REVISIONS
3:-0		04/06/18 ISSUED FOR PERMIT 07/25/18 ISSUED FOR BID
	NORTH	CONTRACT DATE: 01.08.18 BUILDING TYPE: T40M-O PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032
	ROOF PLAN 1/4" = 1'-0"	STORE NUMBER: 2018088.03
18	OWER / GAS / CONDENSATE ENTRY UNDER HVAC UNIT (PER HVAC MFR. SPECS.) REFER TO MECH. AND PLUMB DWGS. UTILITY ACCESS FROM WITHIN CURB - NO ROOF PENETRATIONS. DO NOT RUN ON ROOF SURFACE. SEE PLUMBING DRAWINGS. 24X36 WALK MATS. SEE ROOF SPECS.	TACO BELL 5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484
20 21	MAINTAIN MANUFACTURER'S ROOFTOP MAINTAINANCE CLEARANCES OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES, AND BUILDING EXHAUST 12" X 12" WHITE ALUMINUM LOUVER STYLE GABLE VENT WITH FIBERGLASS INSECT SCREEN,	
(22)(23)	MOUNT HIGH PIPE HOOD, SEE DETAIL 6/A6.2	TACO BELL
24	FACTORY PAINTED METAL PARAPET CAP. SEE DETAIL 1, 3 & 10/A6.1 AND 3/A6.2. GC TO ENSURE PARAPET CAP IS WEATHER PROTECTED	T40 OPEN KITCHEN
25	WATER HEATER EXHAUST/INTAKE COMBO. SEE DETAIL 8/A6.2 FOR BRACING. MAINTAIN MIN. 10'-0" FROM NEAREST POINT OF RTU INTAKE	
26 27	"DURO-LAST" SINGLE PLY ROOF MEMBRANE OVER R-20 MIN. RIGID INSULATION BOARD ON 1-1/2" METAL DECK ON LIGHT GAUGE METAL ROOF JOISTS. INSTALL PER MANUFACTURER'S SPECIFICATIONS. SLOPE AS INDICATED TOWARD ROOF DRAIN.	ROOF PLAN
28	SOLAR HOT WATER TANK COLLECTOR TUBES AND MOUNTING FRAME BY APRICUS. INSTALL AT 20 DEGREE ANGLE AND PER MANUFACTURER'S INSTRUCTIONS	
29	SOLAR PANEL AND ATTACHMENT TO CANOPY BY SIGNAGE VENDOR	
30	ROOF-MOUNTED SOLAR PANEL BATTERY BOX BY SIGNAGE VENDOR. SEE STRUCTURAL FOR ROOF SUPPORT WALL-MOUNTED CONTROL / INVERTER BOX BY SIGNAGE VENDOR.	A3.0
	ROOF PLAN KEY NOTES N.T.S. B	PLOT DATE: 7/25/2018 3:04:31 PM

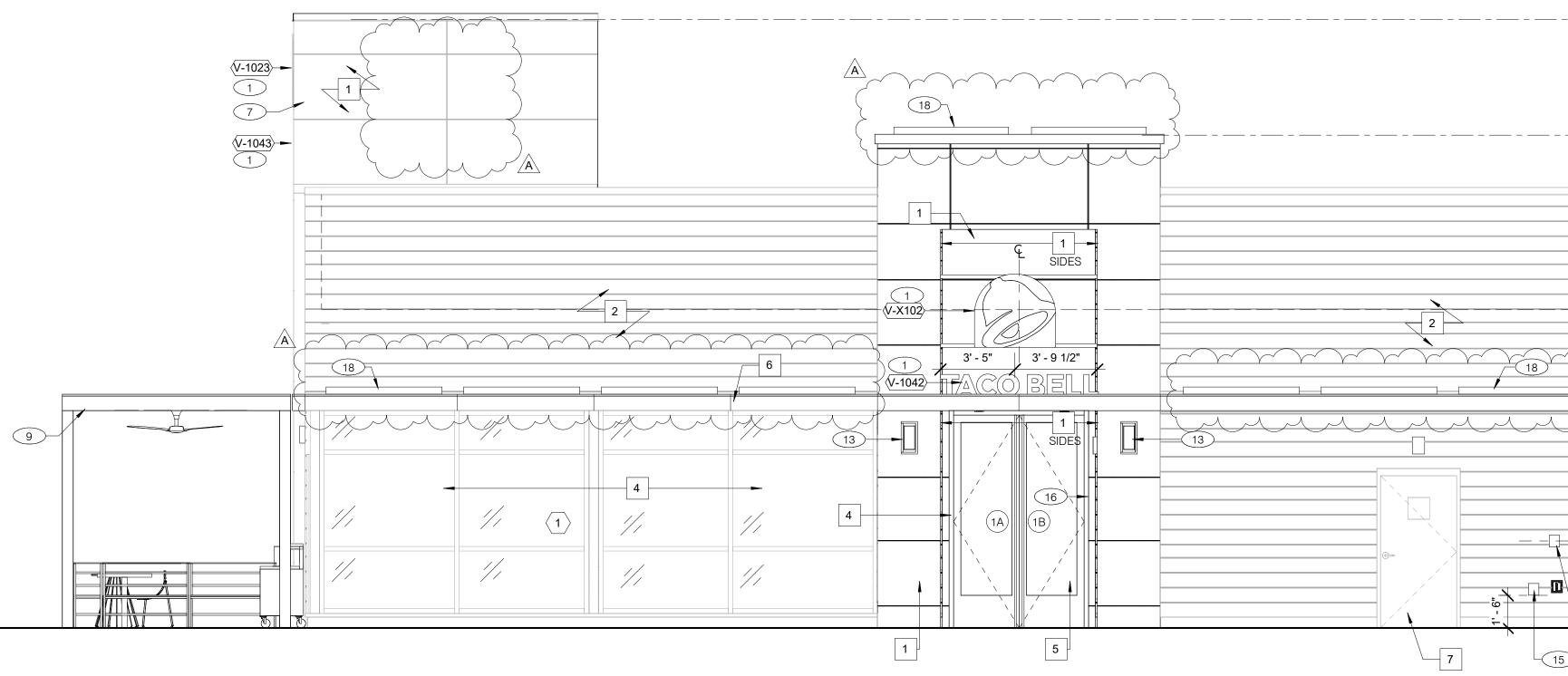
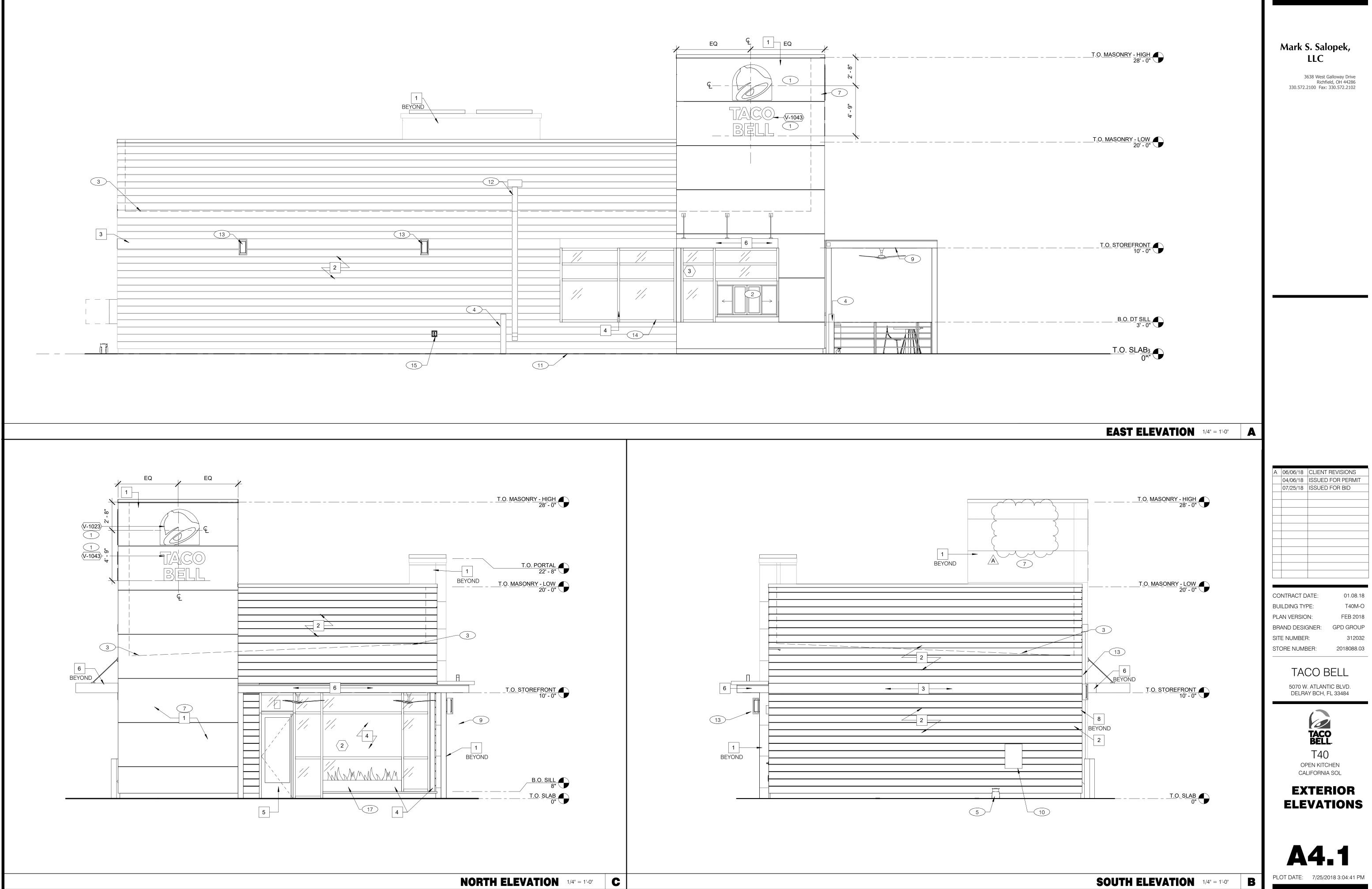


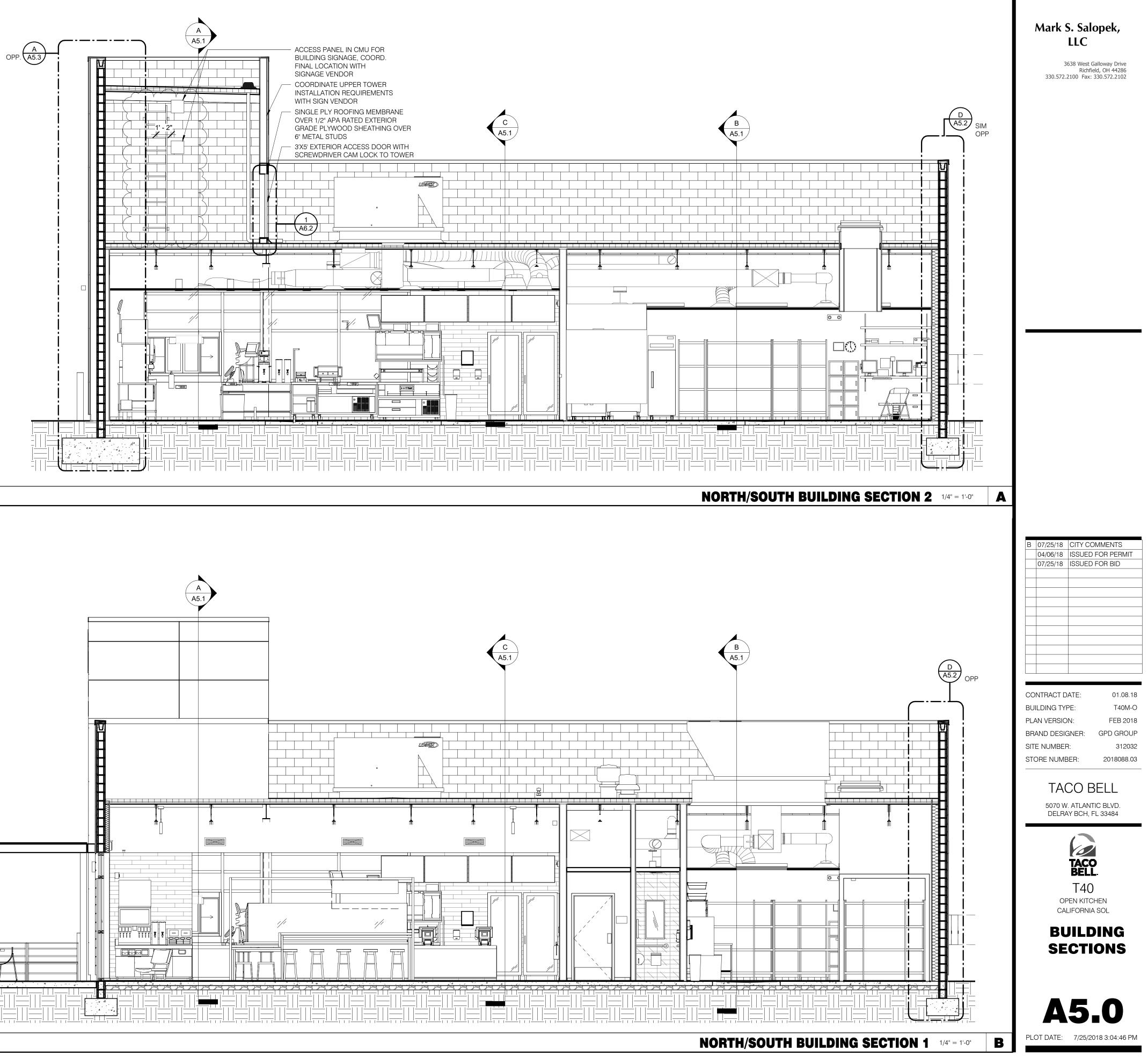
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A decision of the second		_	NO. QTY		ITEM DESCRIPTION				
Vise 1 Inclusion Selection Sel		V			URPLE LOGO -'FACE LIT	- 3'6" X 3'10" 3'-6" X		"WINDOW TYPES" FOR WINDOW ELEVATIONS.	1 BUILDING SIGN, BY SIGN VENDOR. REQUIRES ELECTRICAL. SEE ELECTRICAL PLANS
Vide 1 OUT METAL SWINGING BELL - 201X 3-107 SWIDOW SWINOW SWIDOW SWISOW SWIDOW		V			HANNEL LETTER PLIRPLE	- LINEAR			2 DRIVE THRU WINDOW. SEE SHEET A1.0 AND A1.1.
C - APY UPGENER BABLET COULD SERVICES C - APY UPGENER BABLET COULD SE		V	-1043 2	RECESSED TB 14" CI	HANNEL LETTER PURPLE		B. SEALANT AT AL		3 DASHED LINE INDICATES ROOF LINE BEYOND.
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A DEFINITION OF ALL SPEC ALTERNATE MATERIAL SPEC MATERIAL SPEC							A. REQUIRED CLE	EAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD	5 GAS METER
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SIGNAGE NT.3 E GENERAL NOTES NT.3 C 10 WALL SHALL BE FINSHED PRIOR TO INSTALLATION OF METER. 11 CONCRETE CURB. 12 SCUPPER, COLLECTOR, AND VERTICAL DOWNSPOULT 6'MIN. PAINT TO MATCH 13 EXTERNOT LIGHT FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS 14 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 15 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 16 ARTISAN V 17 PAINTED SW7103 18 RUSTIC 19 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 11 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 19 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 101 HARDLE; EVENDOR 11 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 101 HARDLE; SEVENTS 11 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 11 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 11 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE BAR 111 FLASHING AT S							FOR COORDIN	IATING THE INSTALLATION OF ALL EXTERIOR SIGNS AND INSTALLAION C	
Image: Note: Note									9 PATIO CANOPY BY SIGNAGE VENDOR.
Signage NT.3 E GENERAL NOTES N.T.S C ILLERNATE MATERIAL SPEC ALTERNATE MER. MATERIAL SPEC CONTACT INFORMATION GENERAL NOTES N.T.S C GENERAL DOWNSPOUT 6' MIN. PAINT OMATCH ILLERNATE MER. MATERIAL SPEC ALTERNATE MER. MATERIAL SPEC MATERIAL SPEC CONTACT INFORMATION GENERAL NOTES GENERAL NOTES GENERAL NOTES GENERAL NOTES GENERAL DOWNSPOUT 6' MIN. PAINT OMATCH METEON MATERIAL SPEC ALTERNATE MATERIAL SPEC CONTACT INFORMATION GENERAL NOTES GENERAL NOTES GENERAL NOTES GENERAL DOWNSPOUT 6' MIN. PAINT OMATCH NOTE METEON GRIGIO BY SIGN VENDOR TO' 789-8228 GENERAL NOTES									10 WALL SHALL BE FINISHED PRIOR TO INSTALLATION OF METER.
Signade NLS C Generation NLS C 13 Exterior light fixture. coordinate with electrical drawings 14 FLASHing at storegroup tender 15 Hose drawings 14 FLASHing at storegroup tender 15 Hose drawings 16 KNDX drawings 170-regroup tender By Sign Vendor 18 Reteon 19 FLASHing at storegroup tender 10 Exterior light fixture. coordinate with electrical drawings 11 FLASHing at storegroup tender 12 FLASHing at storegroup tender 13 Exterior light fixture. coordinate with electrical drawings 14 FLASHing at storegroup tender 15 Hose big box at 18' A.F.F. See Detail 11/A6.1 16 KNOX BOX. Final Location to be approved by local authority having ju 17 FIRES 5100. 18 Selfes 5100. 19 KBRONZE 10 KBRONZE									11 CONCRETE CURB.
TURER MATERIAL SPEC COLOR ALTERNATE MFR. ALTERNATE MATERIAL OLOR CONTACT INFORMATION METEON NW17 MILANO GRIGIO ALTERNATE MFR. MATERIAL OLOR CONTACT INFORMATION 14 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE 8/A6 ADIE ARTISAN V RUSTIC PAINTED SW7103 NICHIHA NICHITTAIL PAINTED SW7103 NICHIHA NICHITTAIL MATTERIAL OLOR MATTERIAL COM TO 700-780-8228 MSTEPHENSON 707-789-8228 MSTEPHENSON MSTEPHENSON@NICHIHA.COM MSTEPHENSON@NICHIHA.COM MSTE						s E		GENERAL NOTES N.T.S	C 12 SCUPPER, COLLECTOR, AND VERTICAL DOWNSPOUT 6" MIN. PAINT TO MATCH 1
OHER MATERIAL SPEC COUCH ALTERNATE MIRA MATERIAL SPEC MATERIAL SPEC CONTACT INFORMATION METEON GRIGIO Image: Series MSD-375 NW17 MILANO GRIGIO Image: Series MSD-375 NICHIRA NICHIRA PAINTED SW7103 WHITETAIL NICHIRA NICHIRA NICHIRA MATERIAL SPEC MATERIAL SPEC CONTACT INFORMATION ADIE ARTISAN V RUSTIC PAINTED SW7103 WHITETAIL NICHIRA PAINTED SW7103 WHITETAIL NICHIRA NICHIRA NICHIRA MATERIAL SPEC MATERIAL SPEC MATERIAL SPEC CONTACT INFORMATION ADIE ARTISAN V WHITETAIL PAINTED SW7103 WHITETAIL NICHIRA NICHIRA MATER SON@NICHIRA.COM MATER SON@NICHIRA.COM MATER SET SON@NICHIRA.COM MATER SET SON@NICHIRA.COM HARDIE: LEVI STAUFFER 562-243-8974 LEVI STAUFFER 562-243-8974 LEVI STAUFFER 562-243-8974 Solar PANELS BY SIGNAGE VENDOR. Image: Series MSD-375 DK BRONZE - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13 EXTERIOR LIGHT FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS</td>									13 EXTERIOR LIGHT FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS
METEON NW17 MILANO GRIGIO NW17 MILANO GRIGIO NMM17 MILANO GRIGIO NMM17 MILANO GRIGIO NMM17 MILANO GRIGIO NMM17 MILANO GRIGIO NMM17 MILANO MILTED SW7103 NMM17 MILANO WHITETAIL PAINTED SW7103 WHITETAIL MATT STEPHENSON 770-789-8228 MSTEPHENSON@NICHIHA.COM MATT STEPHENSON 770-789-8228 MSTEPHENSON@NICHIHA.COM MATT STEPHENSON 770-789-8228	URER	MATERIAL SPEC	COLOR	ALTERNATE MFR.				FORMATION	14 FLASHING AT STOREFRONT PER G.C. TO MATCH STOREFRONT FINISH. SEE 8/A6.4
ARTISAN V RUSTIC PAINTED SW7103 WHITETAIL NICHIHA NICHITRIM PAINTED SW7103 WHITETAIL NICHIHA NICHITRIM PAINTED SW7103 WHITETAIL NICHIHA NICHITRIM PAINTED SW7103 WHITETAIL NICHITRIM PAINTED SW7103 WHITETAIL NICHIHA NICHITRIM PAINTED SW7103 WHITETAIL NICHITRIM NICHITRIM PAINTED SW7103 WHITETAIL NICHITRIM NICHITRIM NICHITRIN		METEON						IDOR	15 HOSE BIB BOX AT 18" A.F.F. SEE DETAIL 11/A6.1
ARTISAN PAINTED SW7103 WHITETAIL NICHIHA ILLUMINATION PAINTED SW7103 WHITETAIL MSTEPHENSON@NICHIHA.COM MSTEPHENSON@NICHIHA.COM 17 FIREPLACE. Le SERIES 5100 - CENTER SET DK BRONZE - <td>RDIE</td> <td></td> <td></td> <td>NICHIHA</td> <td>NICHITRIM</td> <td></td> <td>3 <u>NICHIHA:</u></td> <td></td> <td>16 KNOX BOX. FINAL LOCATION TO BE APPROVED BY LOCAL AUTHORITY HAVING JURIS</td>	RDIE			NICHIHA	NICHITRIM		3 <u>NICHIHA:</u>		16 KNOX BOX. FINAL LOCATION TO BE APPROVED BY LOCAL AUTHORITY HAVING JURIS
LE SERIES 5100 - CENTER SET DK BRONZE - - 562-243-8974 LEVI.STAUFFER@JAMESHARDIE.COM LE SERIES MSD-375 /WSD-500 DK BRONZE - <td>RDIE</td> <td>ARTISAN</td> <td>PAINTED SW7103</td> <td>NICHIHA</td> <td>ILLUMINATION</td> <td>PAINTED SW7103</td> <td></td> <td></td> <td>17 FIREPLACE.</td>	RDIE	ARTISAN	PAINTED SW7103	NICHIHA	ILLUMINATION	PAINTED SW7103			17 FIREPLACE.
-L DK BRONZE - - / WSD-500 DARK BRONZE TO - - BY SIGNAGE VENDOR DARK BRONZE TO - RAL RAL RAL RAL	E			-	-				18 SOLAR PANELS BY SIGNAGE VENDOR.
VENDOR MATCH STOREFRON RAL RAL SW7103	E	/ WSD-500		-	-	-			
	E		MATCH STOREFROM	NT -	RAL	RAL			
				-	-	-			

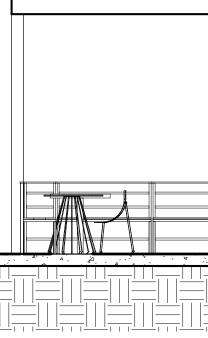
SYMBOL	AREA	MANUFACTURER	MATERIAL SPEC	COLOR	ALTERNATE MFR.	ALTERNATE MATERIAL SPEC	MA
1	TOWER & ENTRY PANELS	TRESPA	METEON	NW17 MILANO GRIGIO			
2	EXTERIOR FIBER CEMENT PANELS	JAMES HARDIE	ARTISAN V RUSTIC	PAINTED SW7103 WHITETAIL	NICHIHA	NICHITRIM	PAIN ⁻ WHIT
3	EXTERIOR FIBER CEMENT TRIM BOARD - 1X12	JAMES HARDIE	ARTISAN	PAINTED SW7103 WHITETAIL	NICHIHA	ILLUMINATION	PAIN ⁻ WHIT
4	STOREFRONT WINDOWS	OLD CASTLE	SERIES 5100 - CENTER SET	DK BRONZE	-	-	-
5	STOREFRONT DOORS	OLD CASTLE	SERIES MSD-375 / WSD-500	DK BRONZE	-	-	-
6	METAL CANOPIES	EVERBRITE	BY SIGNAGE VENDOR	DARK BRONZE TO MATCH STOREFRON	- -	RAL	RAI
7	EXTERIOR HOLLOW METAL SERVICE DOOR	-		SW7103 WHITETAIL	-	-	-

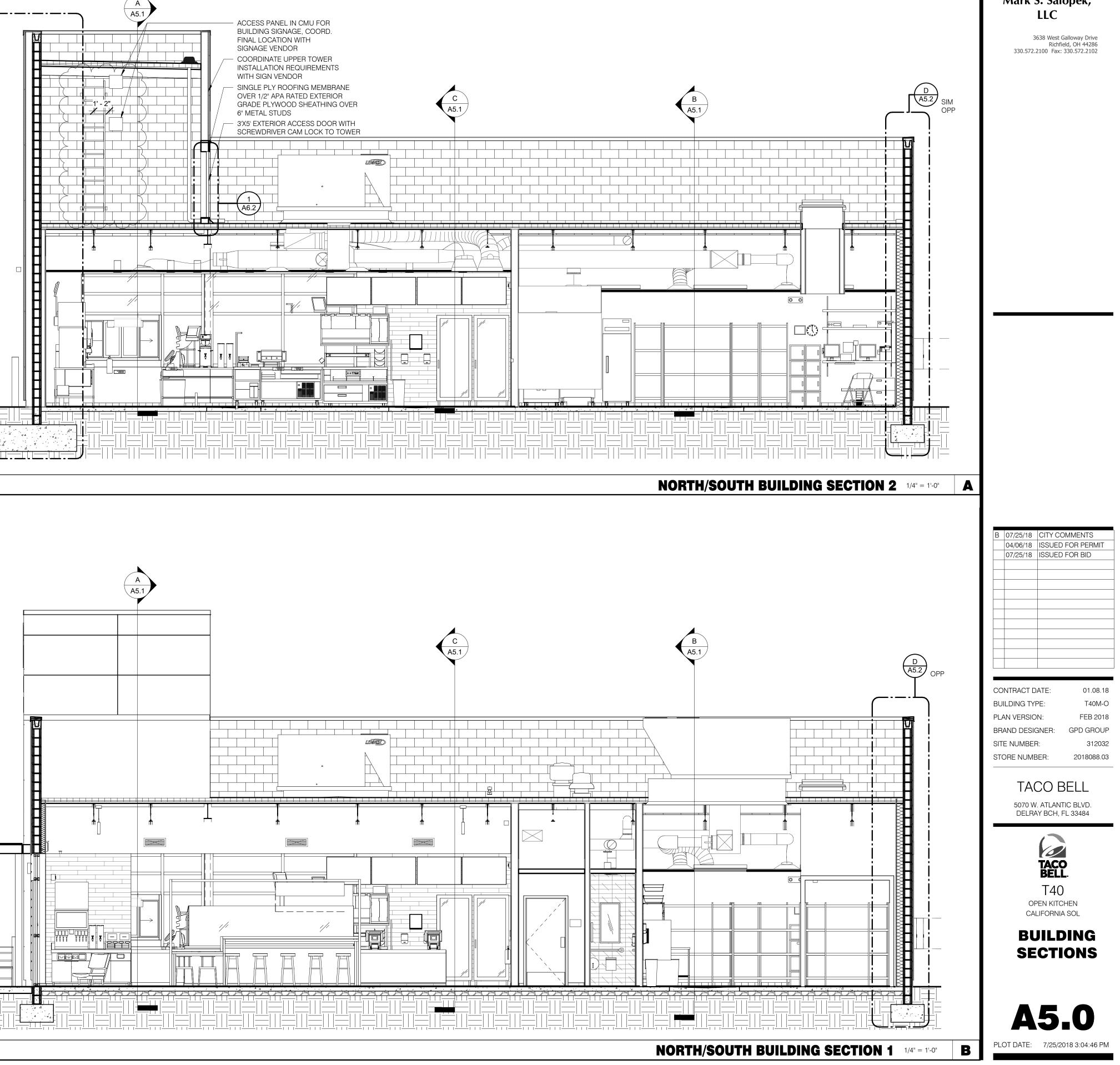
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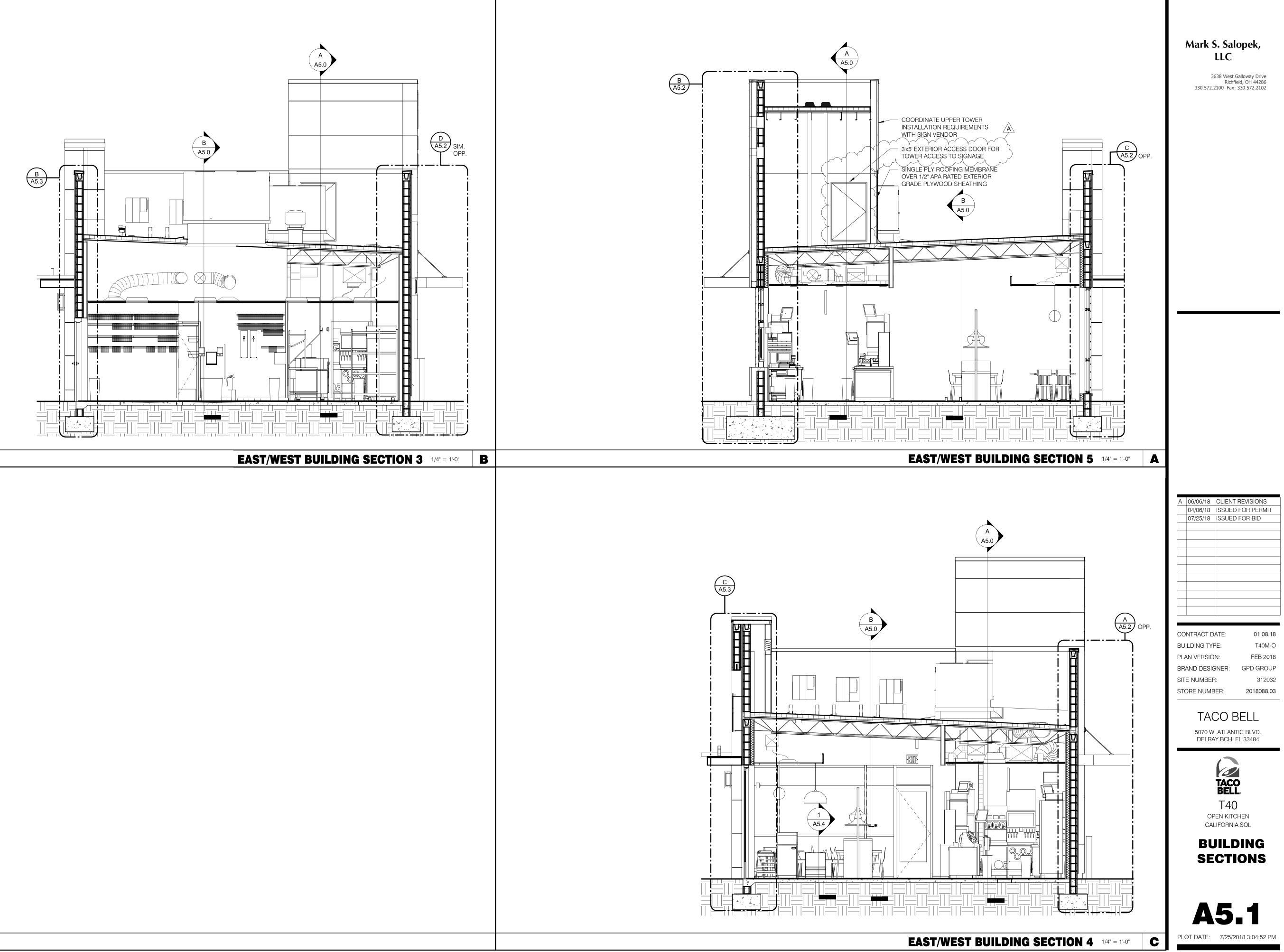
	Mark S. Salopek, LLC
	3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102
3	
T.O. STOREFRONT 10' - 0"	
2	
▼ T.O. SLAB 00"	
WEST ELEVATION 1/4" = 1'-0"	
3	A 06/06/18 CLIENT REVISIONS 04/06/18 ISSUED FOR PERMIT
	07/25/18 ISSUED FOR BID
NATE BLOCKING AND	
	CONTRACT DATE:01.08.18BUILDING TYPE:T40CAL-SOLPLAN VERSION:FEB 2018
	BRAND DESIGNER:GPD GROUPSITE NUMBER:312032STORE NUMBER:2018088.03
SDICTION	TACO BELL
	5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484
	TACO BELL . T40
	OPEN KITCHEN CALIFORNIA SOL
	EXTERIOR ELEVATIONS
	A4.0
ELEVATION KEYNOTES N.T.S. B	PLOT DATE: 7/25/2018 3:04:36 PM



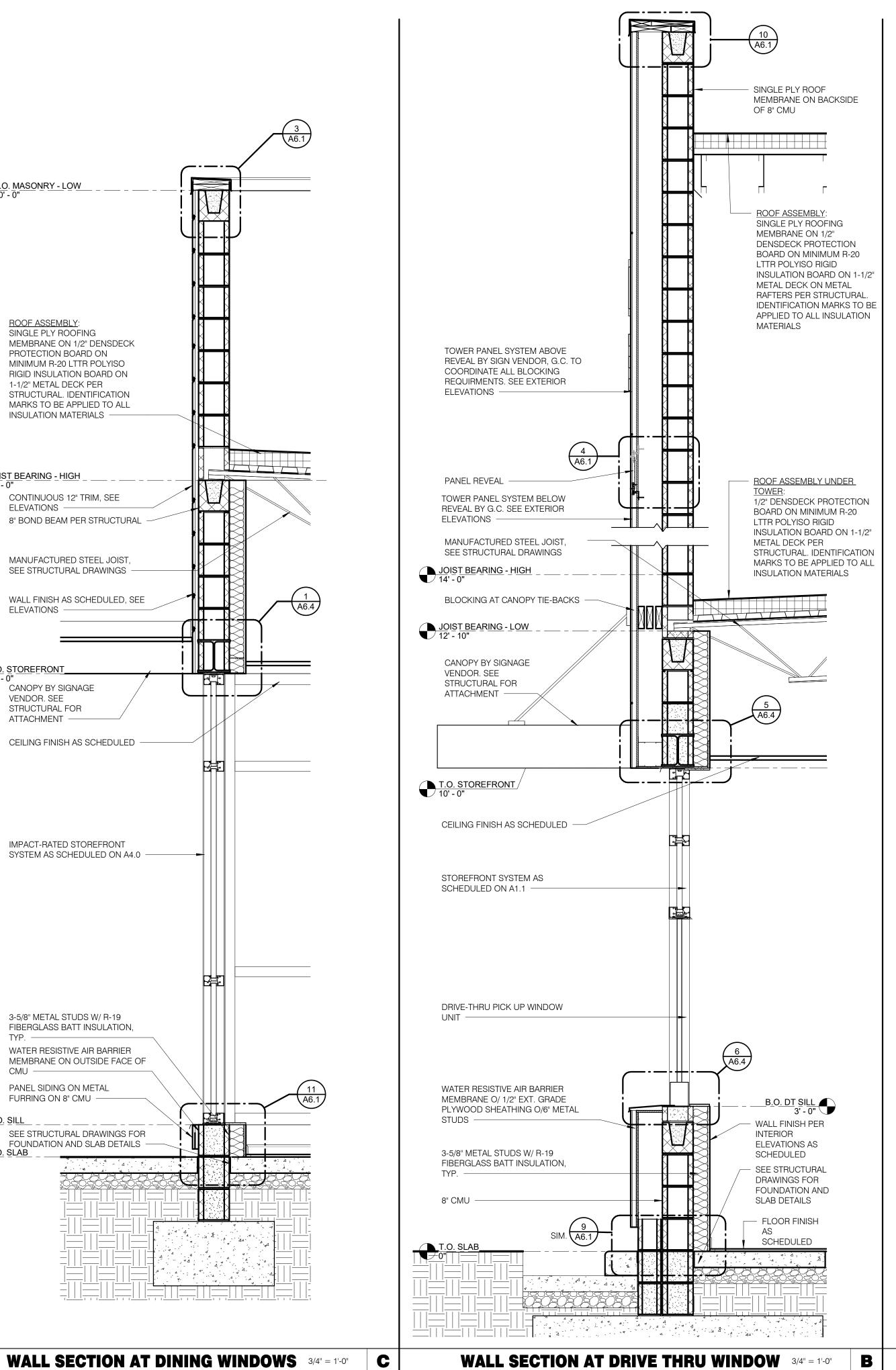


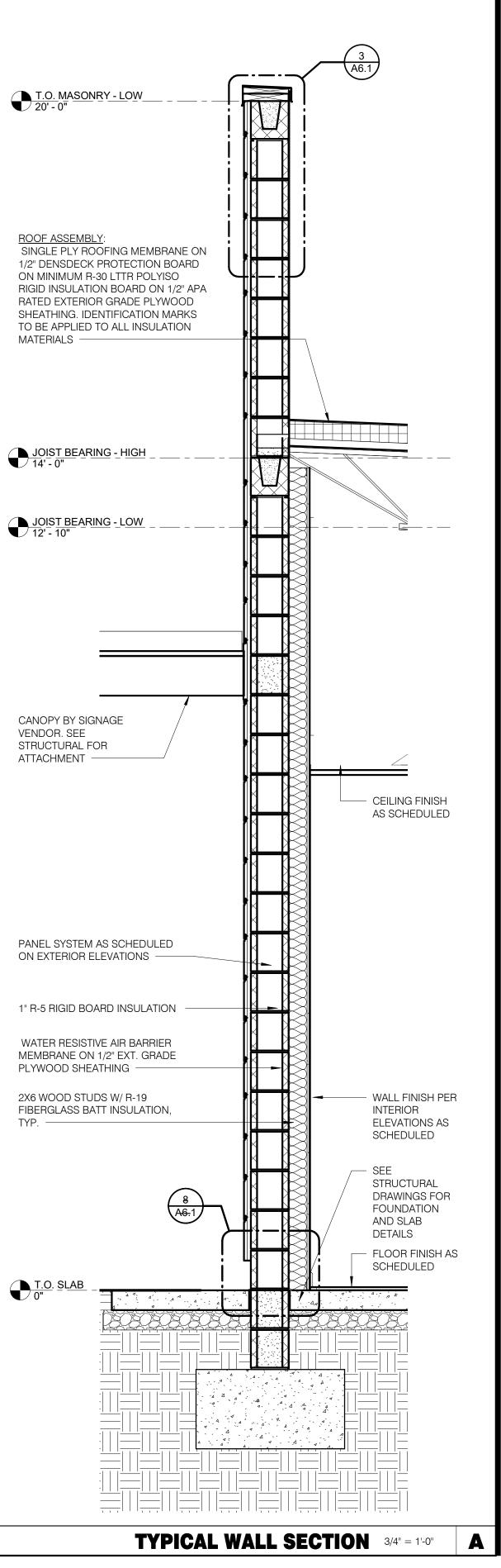






T.O. <u>MASONRY - LOW</u> 20' - 0"	3 A6.1	<u>T.O. MASONRY - LOW</u> 20' - 0"
SINGLE PLY ROOF MEMBRANE ON BACKSIDE OF CMU		ROOF ASSEMBLY: SINGLE PLY ROOFING MEMBRANE ON 1/2" DENSDECK PROTECTION BOARD ON MINIMUM R-20 LTTR POLYISO RIGID INSULATION BOARD ON 1-1/2" METAL DECK PER STRUCTURAL. IDENTIFICATION MARKS TO BE APPLIED TO ALL INSULATION MATERIALS
JOIST BEARING - HIGH		<u>JOIST BEARING - HIGH</u>
O JOIST BEARING - LOW		CONTINUOUS 12" TRIM, SEE ELEVATIONS
<u>JOIST BEARING - LOW</u> 12' - 10" <u>ROOF ASSEMBLY</u> : SINGLE PLY ROOFING MEMBRANE ON 1/2" DENSDECK		MANUFACTURED STEEL JOIST, SEE STRUCTURAL DRAWINGS —
PROTECTION BOARD ON MINIMUM R-20 LTTR POLYISO RIGID INSULATION BOARD ON 1-1/2" METAL ROOF DECK PER STRUCTURAL. IDENTIFICATION		WALL FINISH AS SCHEDULED, SE ELEVATIONS
MARKS TO BE APPLIED TO ALL INSULATION MATERIALS		<u>T.O. STOREFRONT</u> 10' - 0"
		10' - 0" CANOPY BY SIGNAGE VENDOR. SEE STRUCTURAL FOR ATTACHMENT
		CEILING FINISH AS SCHEDULED
WALK-IN COOLER		IMPACT-RATED STOREFRONT
PANEL SYSTEM AS SCHEDULED ON EXTERIOR ELEVATIONS		SYSTEM AS SCHEDULED ON A4.
7/8" METAL HAT CHANNEL FURRING		
WATER RESISTIVE AIR BARRIER MEMBRANE ON 8" CMU		
6" METAL STUDS W/ R-19 FIBERGLASS BATT INSULATION		3-5/8" METAL STUDS W/ R-19
WALL FINISH PER INTERIOR ELEVATIONS AS SCHEDULED		FIBERGLASS BATT INSULATION, TYP
FLOOR FINISH AS SCHEDULED		CMU
FOR FOUNDATION AND SLAB DETAILS		B.O. SILL SEE STRUCTURAL DRAWINGS FO FOUNDATION AND SLAB DETAILS T.O. SLAB
U 0" = = = = R-15 UNDER SLAB		
OF COOLER		



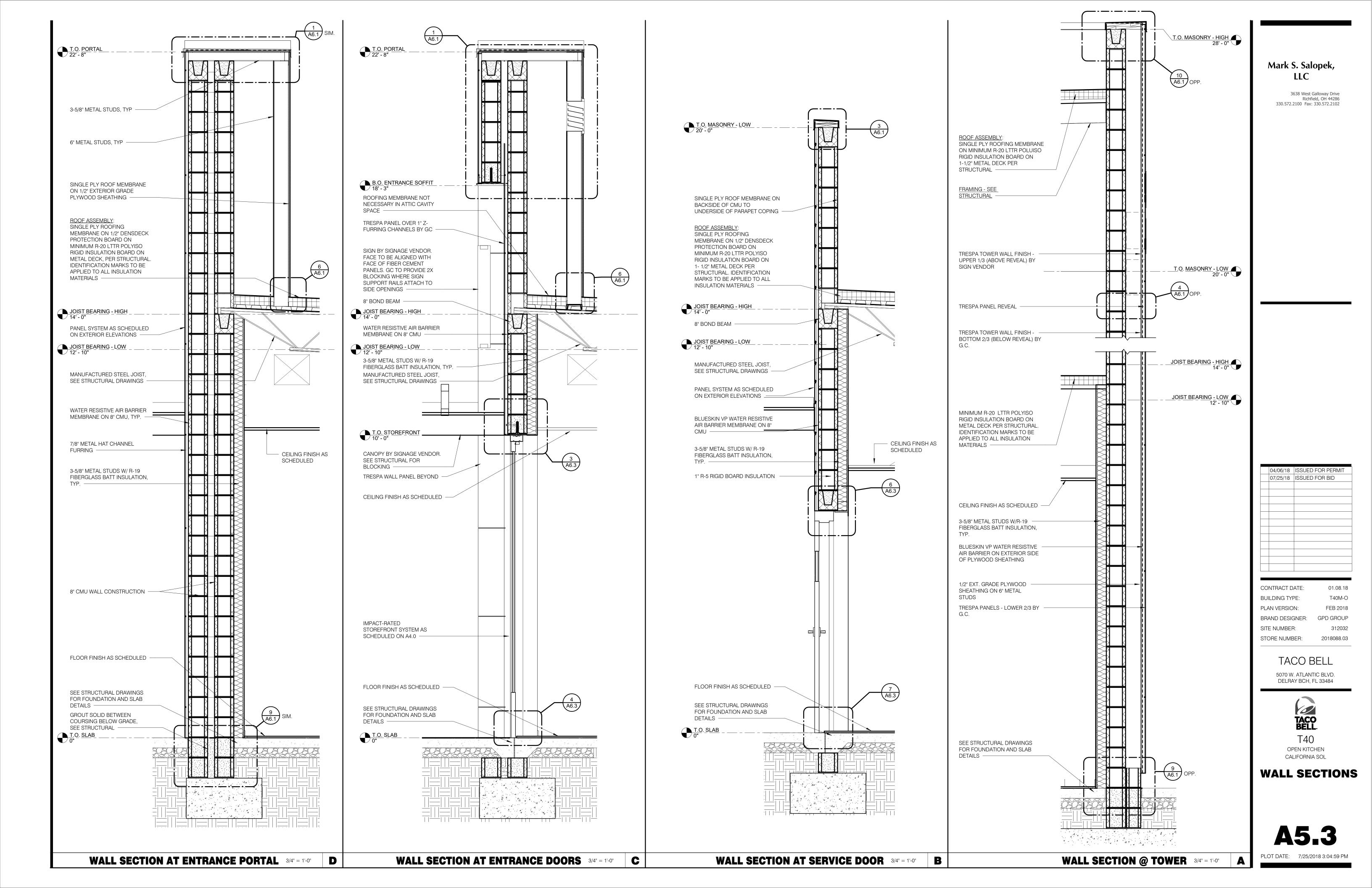


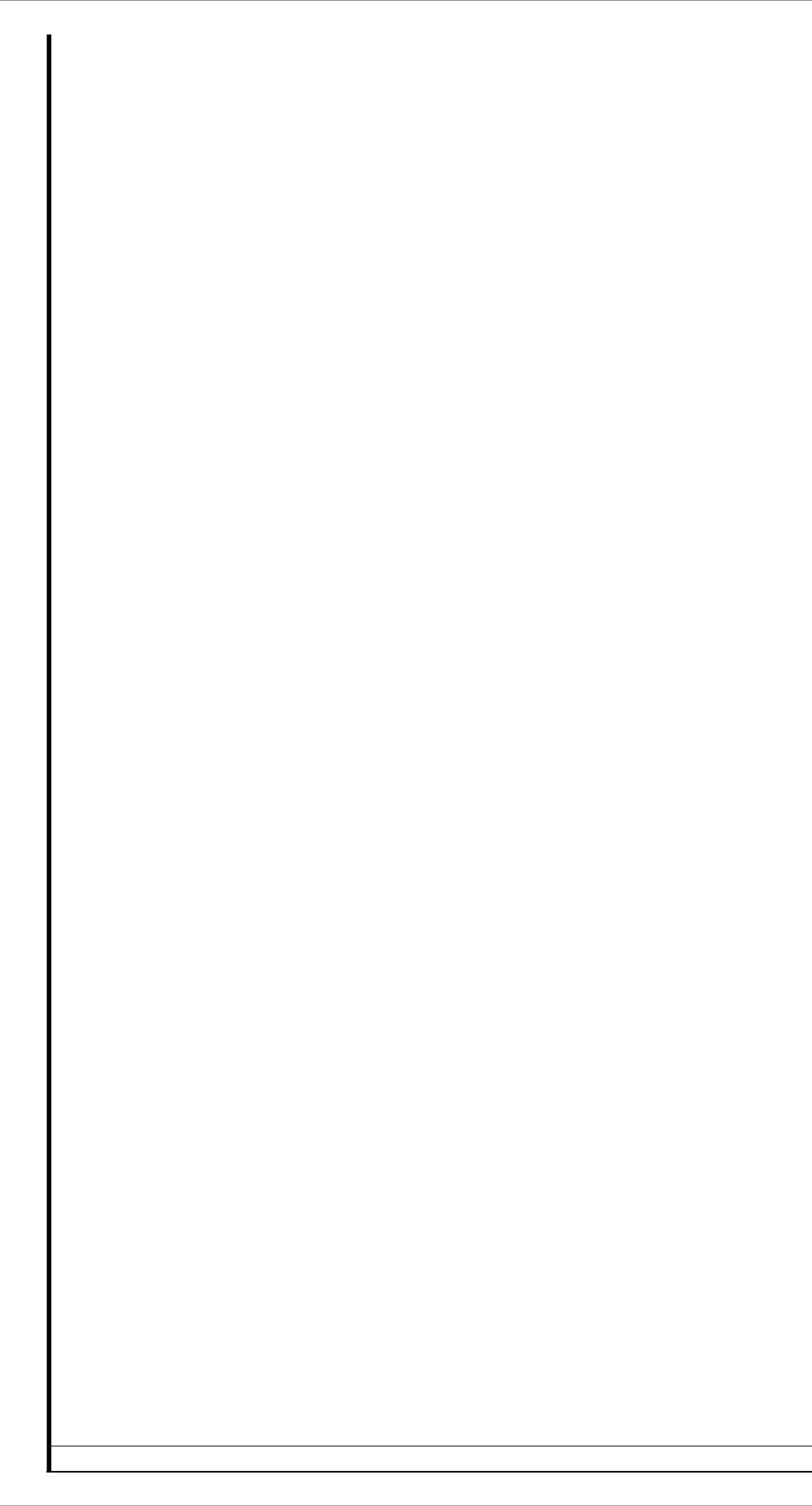
Mark S. Salopek, LLC

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

04/06/18 ISSUED FOR 07/25/18 ISSUE 07/25/18 ISSUE 07/25/	R BID 01.08.18 T40M-O FEB 2018 PD GROUP 312032 2018088.03
CONTRACT DATE: BUILDING TYPE: PLAN VERSION: BRAND DESIGNER: GI SITE NUMBER: STORE NUMBER: 2 TACO BE 5070 W. ATLANTIC E	01.08.18 T40M-O FEB 2018 PD GROUP 312032 2018088.03
BUILDING TYPE: PLAN VERSION: BRAND DESIGNER: GI SITE NUMBER: STORE NUMBER: 2 TACO BE 5070 W. ATLANTIC E	T40M-O FEB 2018 PD GROUP 312032 2018088.03
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SITE NUMBER: STORE NUMBER: 2 TACO BE 5070 W. ATLANTIC E	312032 2018088.03
STORE NUMBER: 2 TACO BE 5070 W. ATLANTIC E	2018088.03
TACO BE 5070 W. ATLANTIC E	
5070 W. ATLANTIC E	
TACO BELL T40	
	J
CALIFORNIA SC	
WALL SEC	ΓΙΟΝ
A5.	

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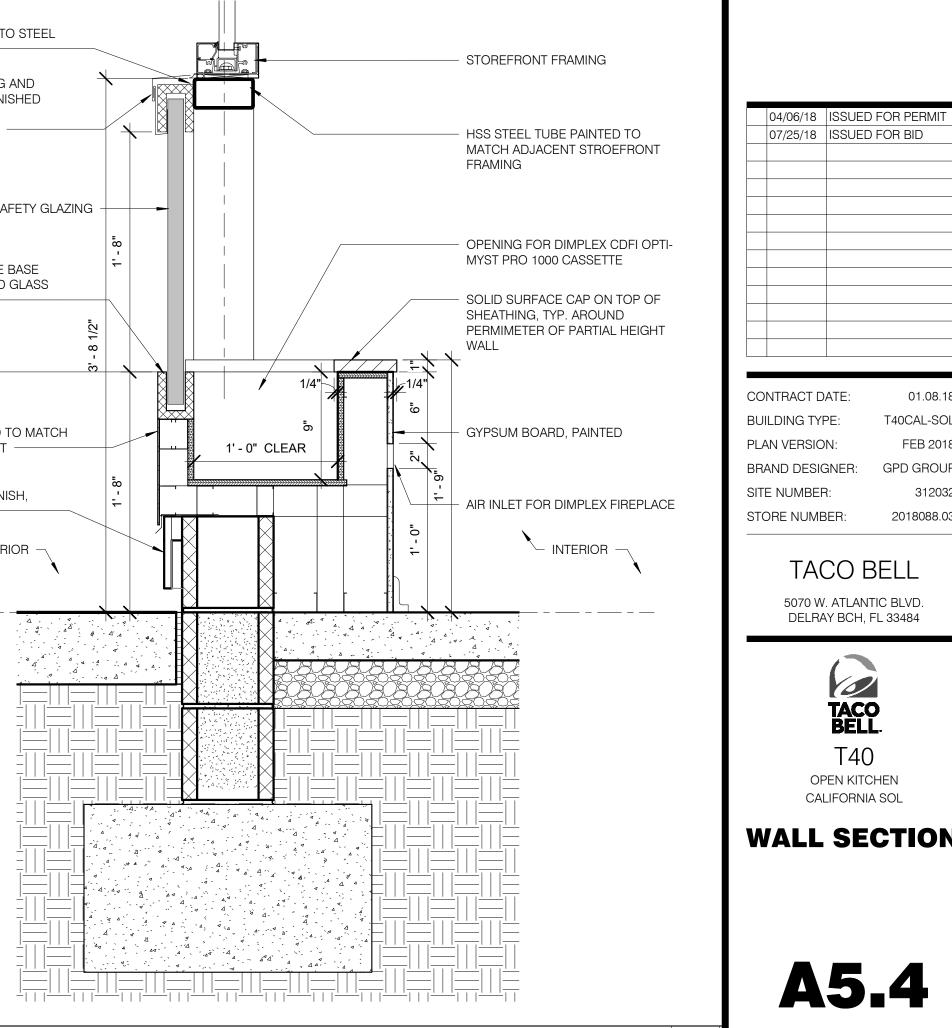
BRAKE METAL FLASHING AND COUNTER FLASHING FINISHED TO MATCH ADJACENT STOREFRONT FRAMING 1-5/16" IMPACT RATED SAFETY GLAZING ----PAINTED STEEL SQUARE BASE GLAZING SHOE AROUND GLASS PERIMETER T.O. FIREPLACE õ BRAKE METAL FINISHED TO MATCH ADJACENT STOREFRONT 1 - 8" HARDIE PLANK WALL FINISH, SEE SHEET A4.0 EXTERIOR -<u>T.O. SLAB</u>___

WELDED CONNECTION TO STEEL

FRAME ------

Mark S. Salopek, LLC

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

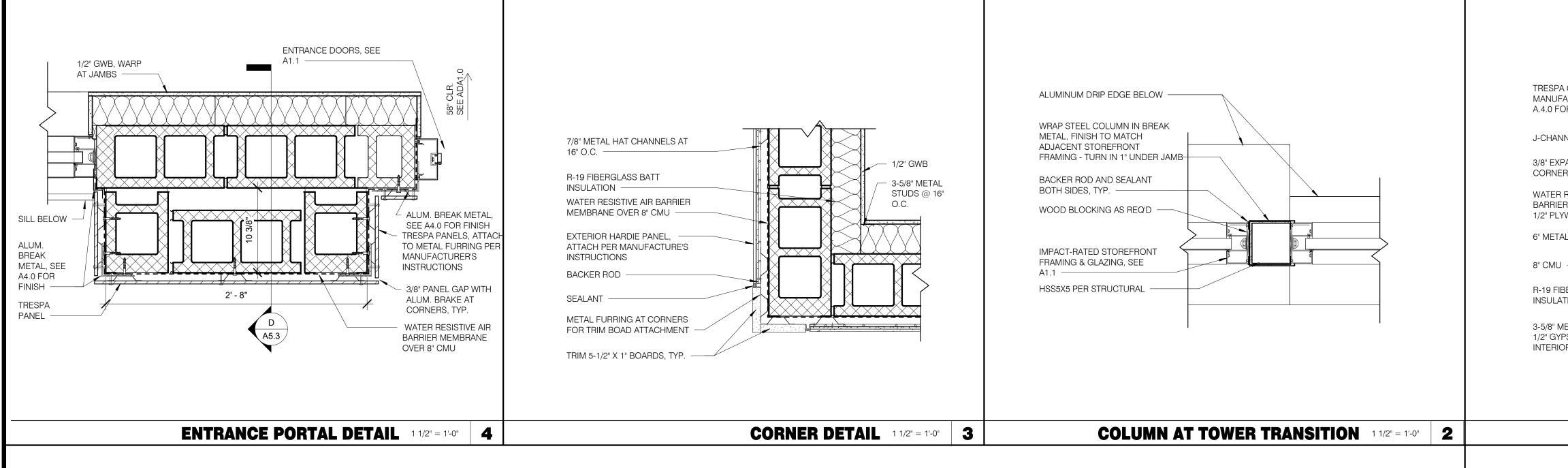


FIREPLACE SECTION DETAIL N.T.S.

04/00/10		
07/25/18	ISSUED) FOR BID
	+	
CONTRACT [DATE:	01.08.18
BUILDING TY	PE:	T40CAL-SOL
PLAN VERSIO	DN:	FEB 2018
BRAND DESI		GPD GROUP
SITE NUMBE		312032
STORE NUM	BER:	2018088.03
TA	CO E	BELL
5070 V	V. ATLAN	TIC BLVD.
		FL 33484
	1	
		2
		5
	RFI	í



1



IMPACT-RATED STOREFRONT SYSTEM, SEE A1.1 —

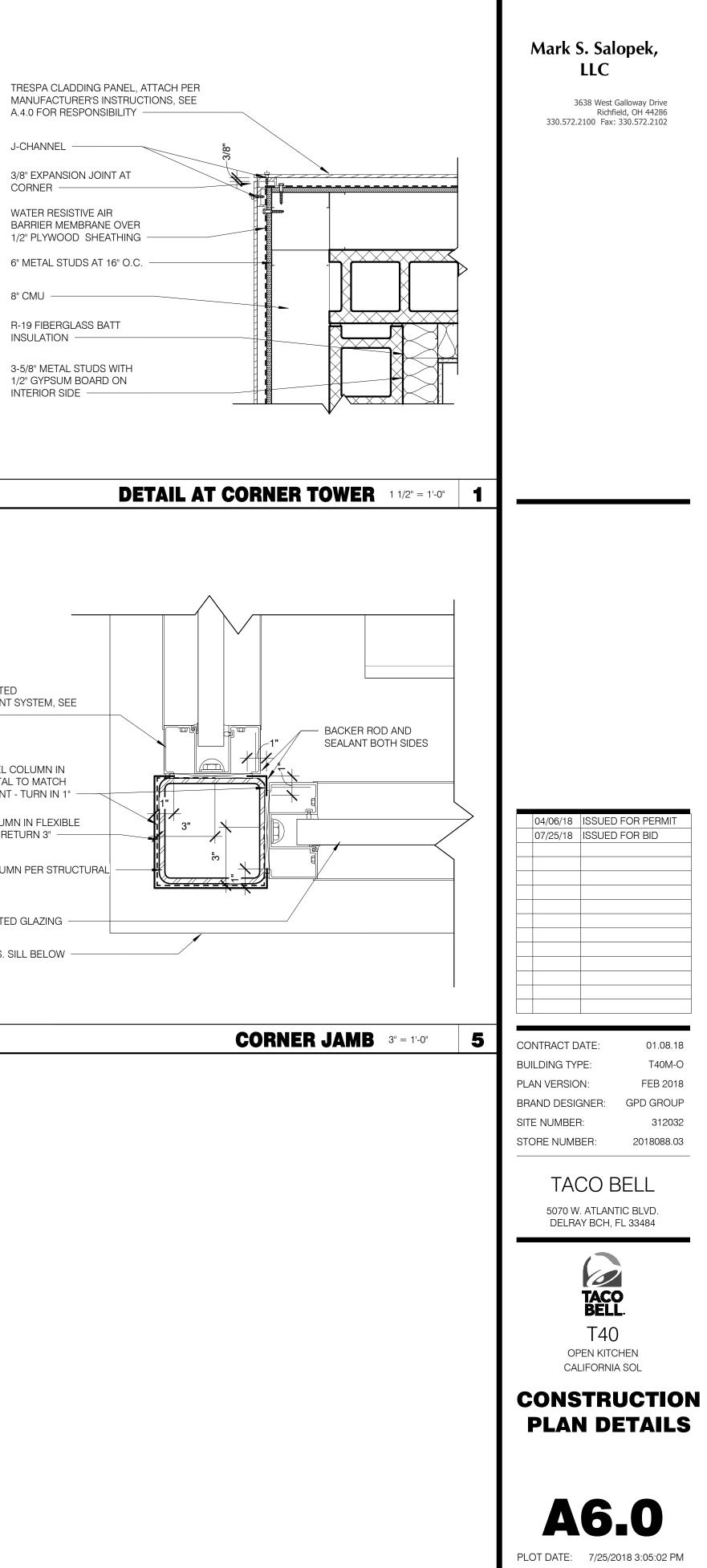
WRAP STEEL COLUMN IN BRAKE METAL TO MATCH STOREFRONT - TURN IN 1"

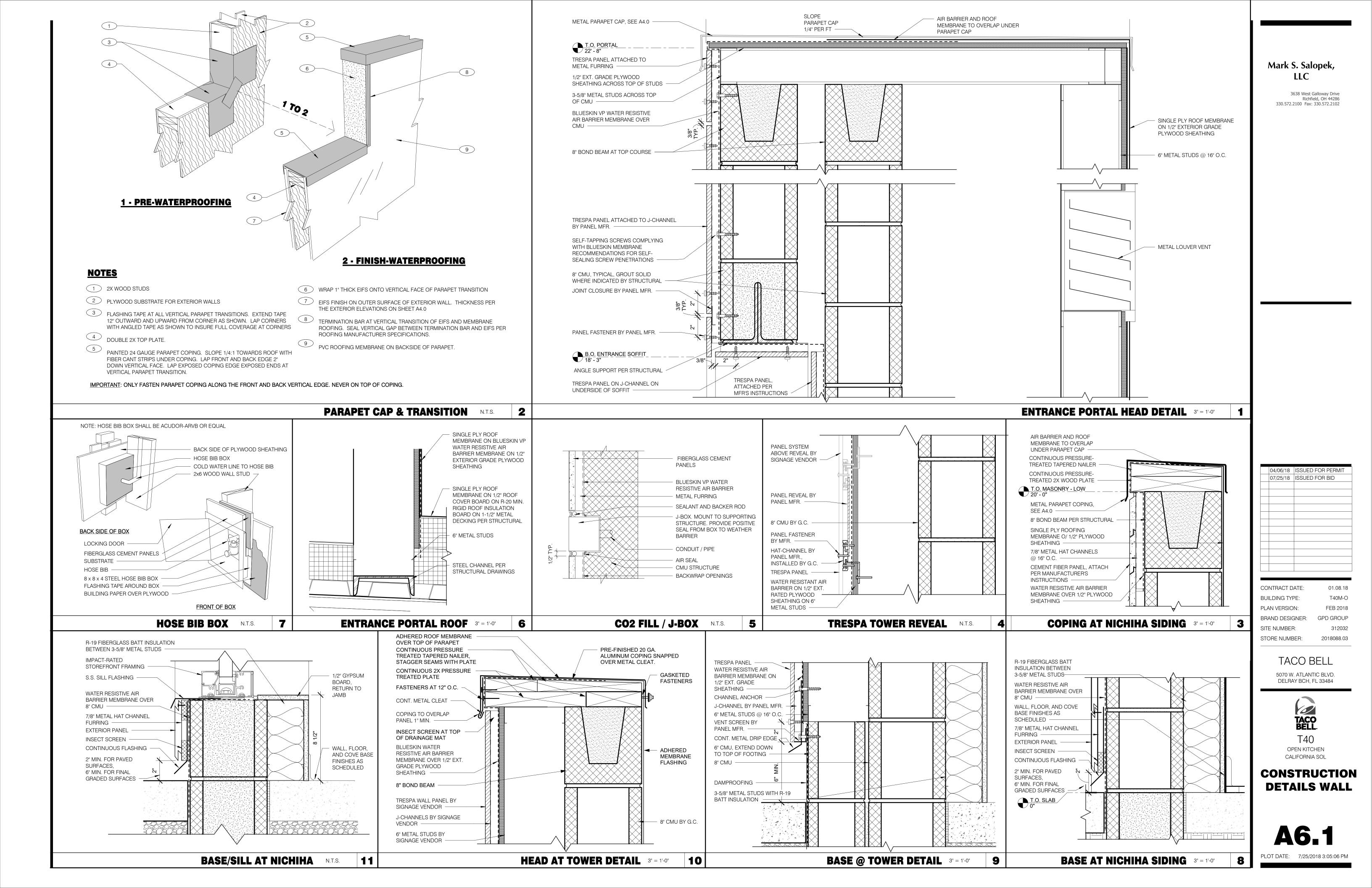
WRAP COLUMN IN FLEXIBLE FLASHING, RETURN 3" -

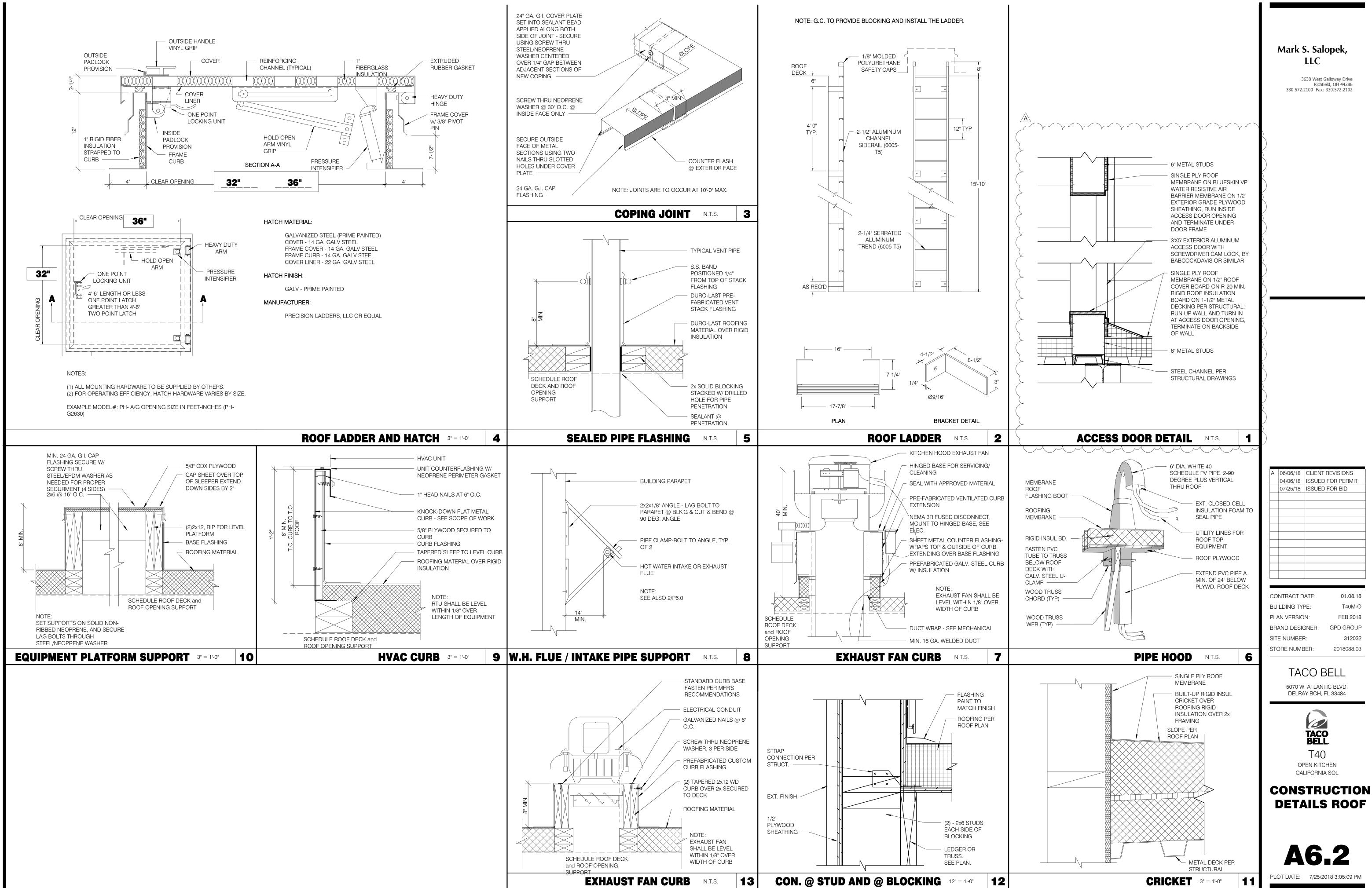
STEEL COLUMN PER STRUCTURAL

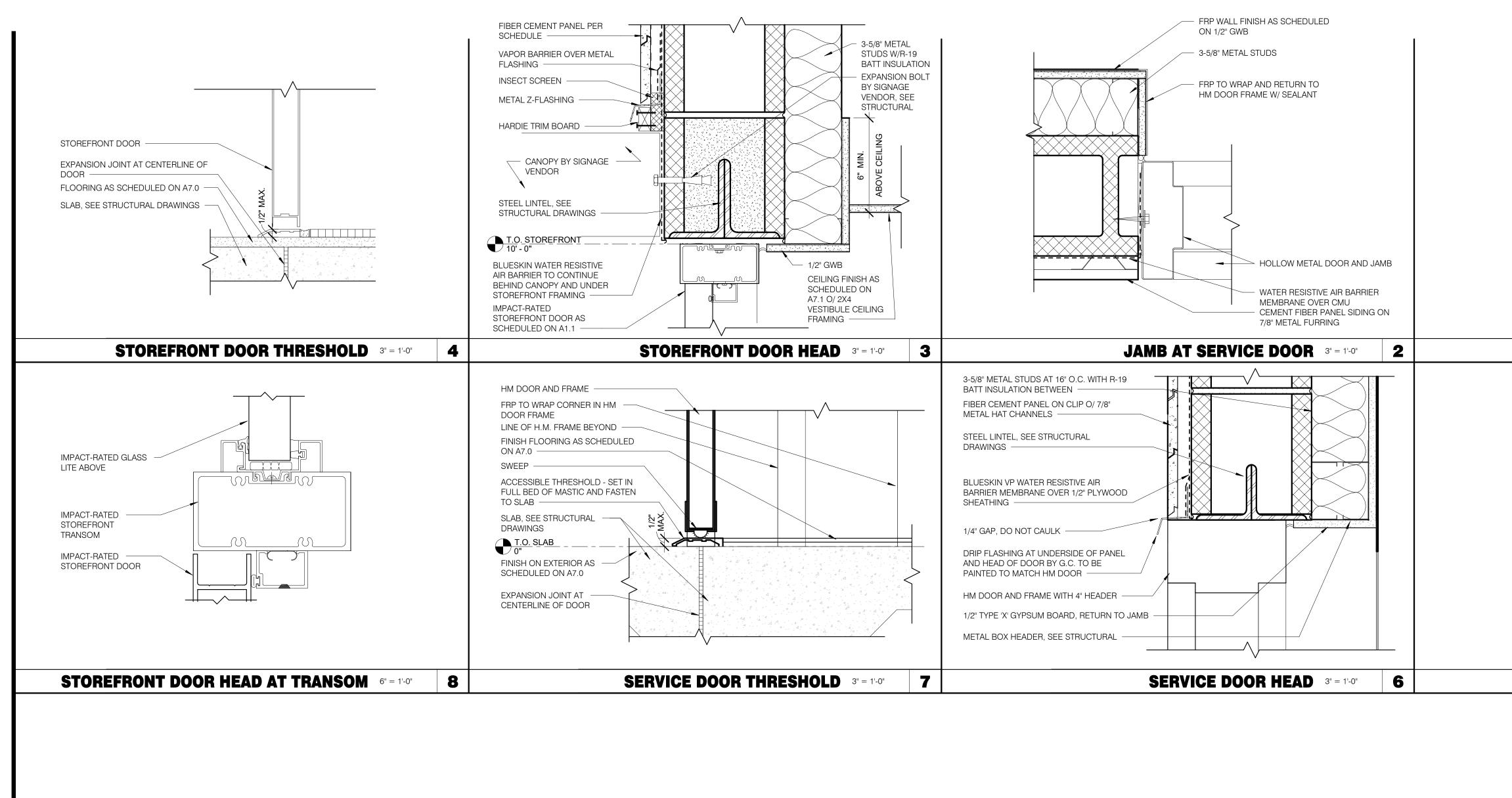
IMPACT-RATED GLAZING

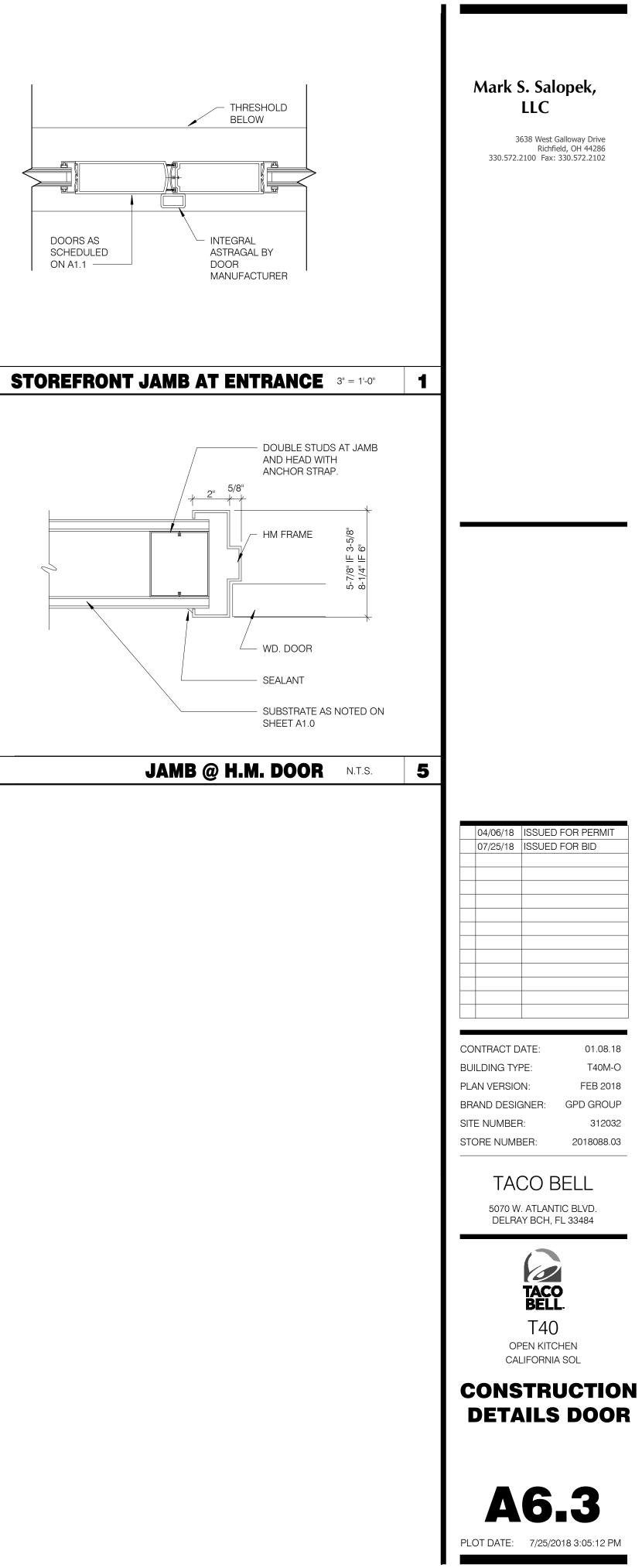
LINE OF S.S. SILL BELOW

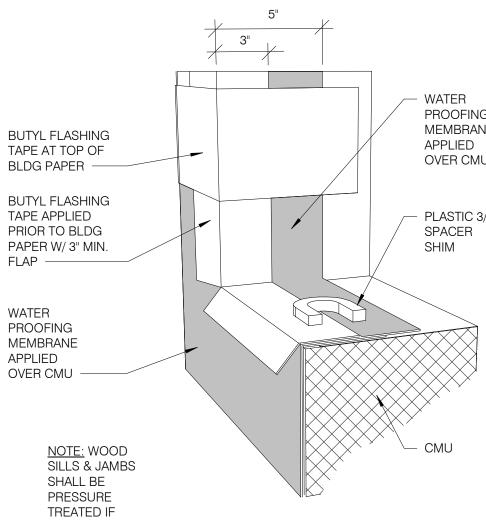


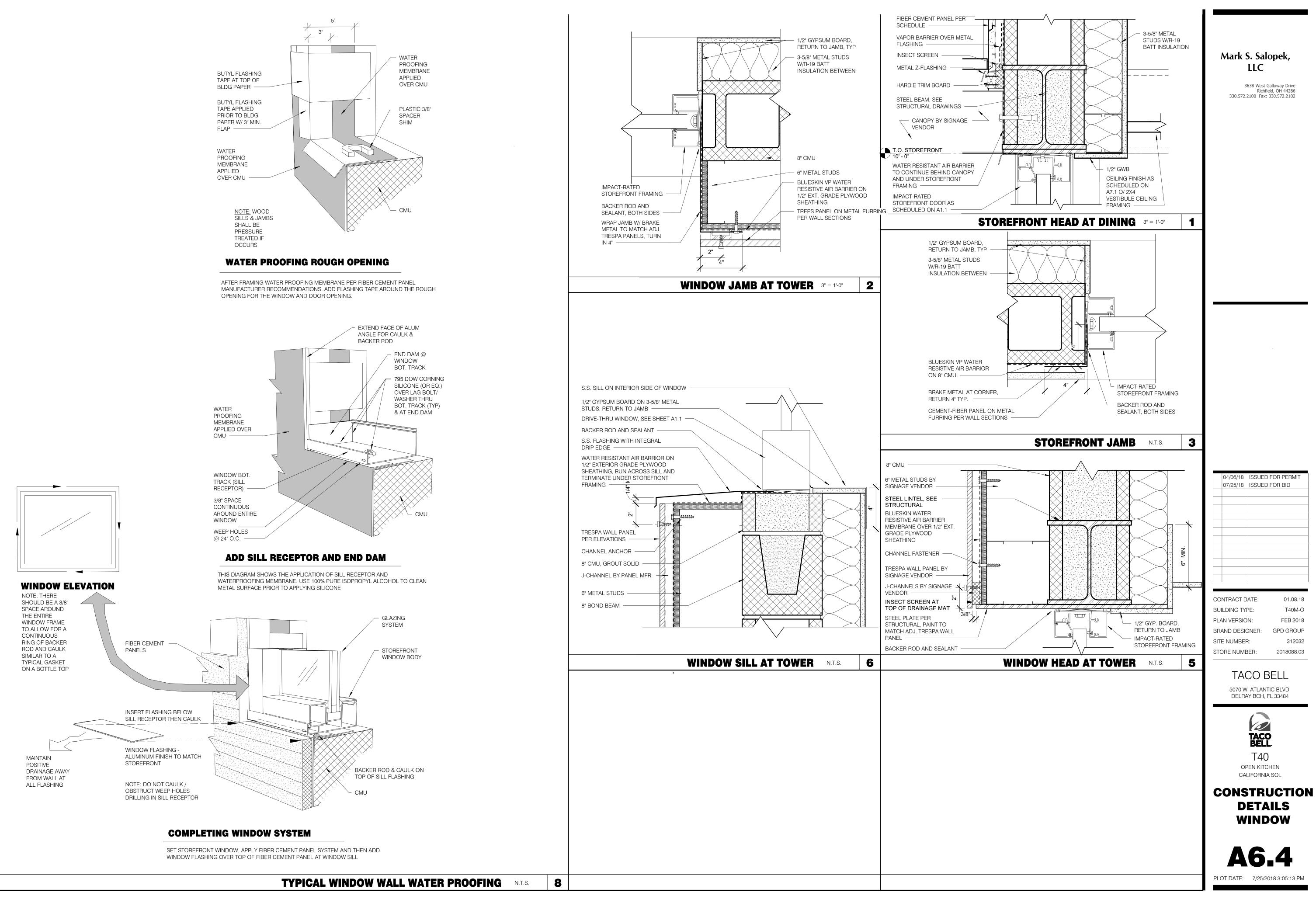


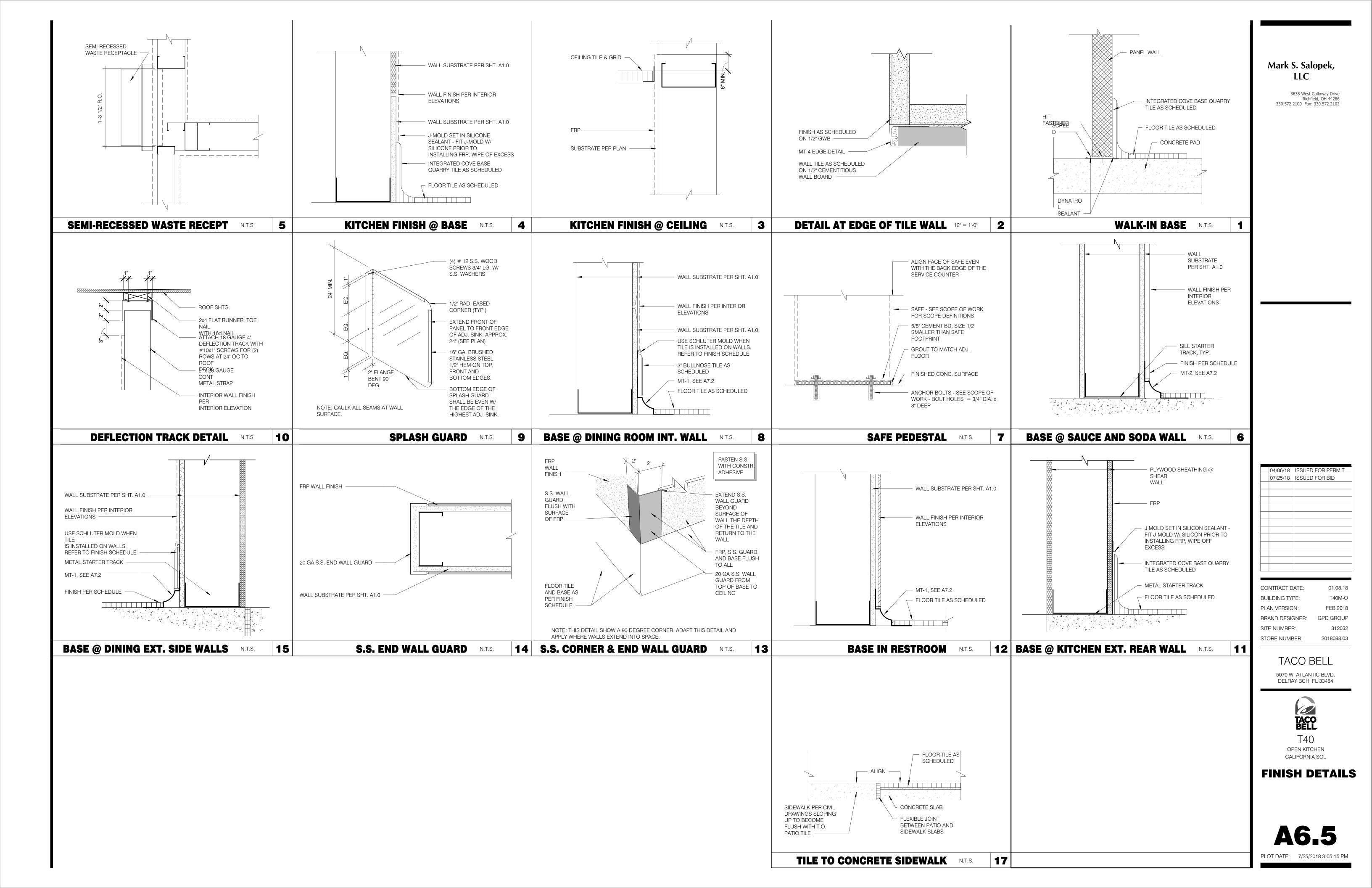


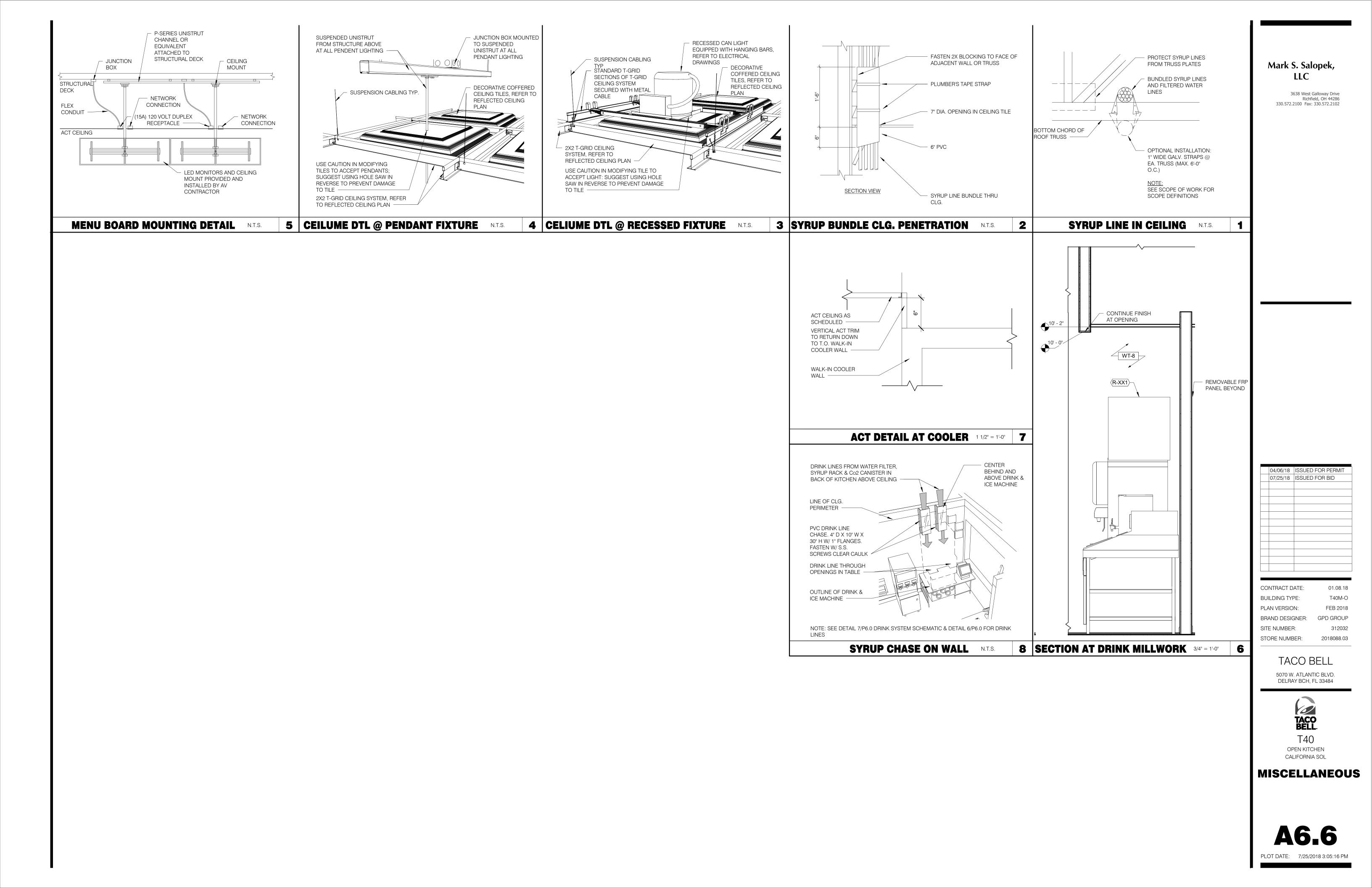


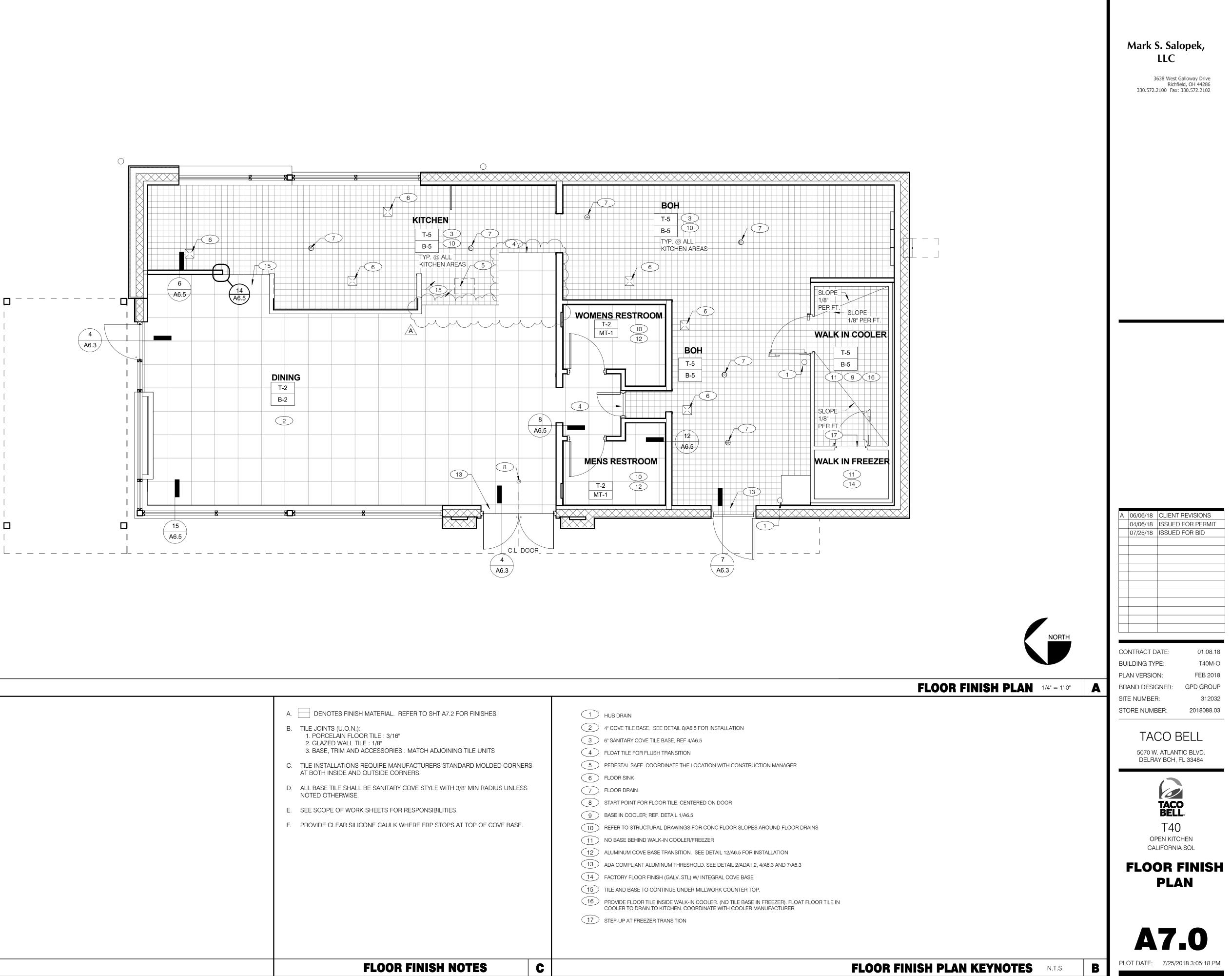




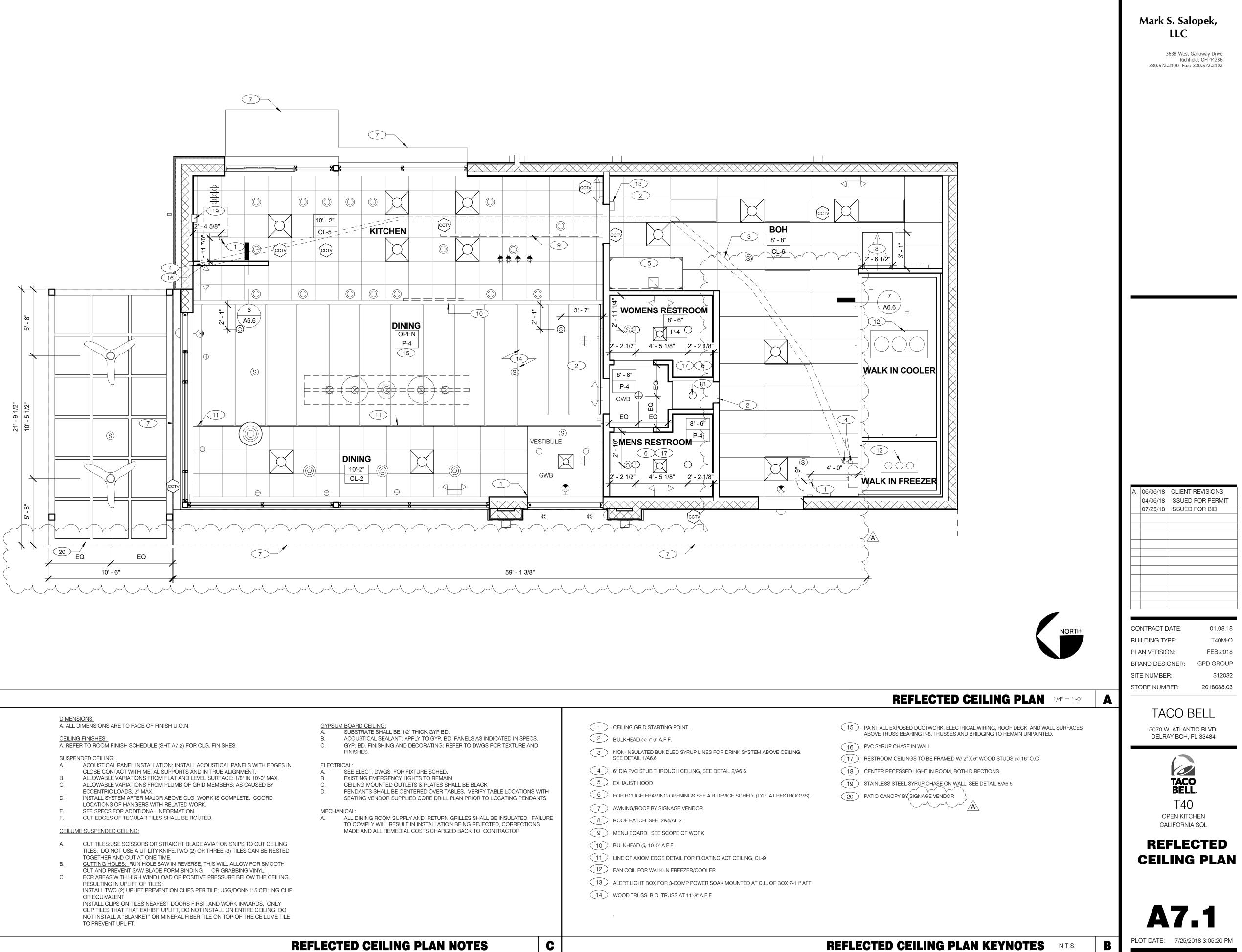








FLOOR FINISH NOTES C	
 C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS. D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE. E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES. F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE. 	 4 FLOAT TILE FOR FLUSH TRANSITION 5 PEDESTAL SAFE. COORDINATE THE LOCATION WITH CONSTRUCTION MANAGER 6 FLOOR SINK 7 FLOOR DRAIN 8 START POINT FOR FLOOR TILE, CENTERED ON DOOR 9 BASE IN COOLER; REF. DETAIL 1/A6.5 10 REFER TO STRUCTURAL DRAWINGS FOR CONC FLOOR SLOPES AROUND FLOOR DRAINS 11 NO BASE BEHIND WALK-IN COOLER/FREEZER 12 ALUMINUM COVE BASE TRANSITION. SEE DETAIL 12/A6.5 FOR INSTALLATION 13 ADA COMPLIANT ALUMINUM THRESHOLD. SEE DETAIL 2/A0A1.2, 4/A6.3 AND 7/A6.3 14 FACTORY FLOOR FINISH (GALV. STL) W/ INTEGRAL COVE BASE 15 TILE AND BASE TO CONTINUE UNDER MILLWORK COUNTER TOP. 16 PROVIDE FLOOR TILE INSIDE WALK-IN COOLER. (NO TILE BASE IN FREEZER). FLOAT FLOOR TILE I COOLER TO DRAIN TO KITCHEN. COORDINATE WITH COOLER MANUFACTURER. 17 STEP-UP AT FREEZER TRANSITION
 A. DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES. B. TILE JOINTS (U.O.N.): PORCELAIN FLOOR TILE : 3/16" GLAZED WALL TILE : 1/8" BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS 	 HUB DRAIN 4" COVE TILE BASE. SEE DETAIL 8/A6.5 FOR INSTALLATION 6" SANITARY COVE TILE BASE, REF 4/A6.5 FLOAT THE FOR FULISH TRANSITION



LIGHTING DIRECTIONAL SPOT RECESSED LIGHT FIXTURE PENDANT LIGHT FIXTURE HUB TABLE PENDANT LIGHT SCONCE LIGHT FIXTURE CEILING MOUNTED EXIT SIGN 2' X 4' LAY-IN LIGHT FIXTURE	DIMENSIONS: A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N. CEILING FINISHES: A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES. SUSPENDED CEILING: A. A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT. B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX. C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS, 2° MAX. D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK. E. SEE SPECS FOR ADDITIONAL INFORMATION. E. CLIT EDGES OF TEGULAB THES SHALL BE BOULTED.	GYPSUM BOARD CEILING: A. SUBSTRATE SHALL BE 1/2" THICK GYP BD. B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS. C. GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES. ELECTRICAL: A. SEE ELECT. DWGS. FOR FIXTURE SCHED. B. EXISTING EMERGENCY LIGHTS TO REMAIN. C. CEILING MOUNTED OUTLETS & PLATES SHALL BE BLACK D. PENDANTS SHALL BE CENTERED OVER TABLES. VERIFY TABLE LOCATIONS WITH SEATING VENDOR SUPPLIED CORE DRILL PLAN PRIOR TO LOCATING PENDANTS. MECHANICAL: A. ALL DINING ROOM SUPPLY AND. BETURN GRILLES SHALL BE INSULATED. FAILURE	 CEILING GRID STARTING POINT. BULKHEAD @ 7'-0" A.F.F. NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM ABOVE CEILING. SEE DETAIL 1/A6.6 6" DIA PVC STUB THROUGH CEILING, SEE DETAIL 2/A6.6 EXHAUST HOOD FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS). AWNING/ROOF BY SIGNAGE VENDOR
2' X 4' LAY-IN LIGHT FIXTURE DUAL HEAD EMERGENCY FIXTURE DUAL HEAD EMERGENCY FIXTURE EMERGENCY WALL PACK FIXTURE SECURITY STROBE LIGHT MECHANICAL AUDIO EXHAUST FAN SUPPLY RETURN	 E. SEE SPECS FOR ADDITIONAL INFORMATION. F. CUT EDGES OF TEGULAR TILES SHALL BE ROUTED. <u>CEILUME SUSPENDED CEILING:</u> A. <u>CUT TILES</u>: USE SCISSORS OR STRAIGHT BLADE AVIATION SNIPS TO CUT CEILING TILES. DO NOT USE A UTILITY KNIFE.TWO (2) OR THREE (3) TILES CAN BE NESTED TOGETHER AND CUT AT ONE TIME. B. <u>CUTTING HOLES</u>: RUN HOLE SAW IN REVERSE, THIS WILL ALLOW FOR SMOOTH CUT AND PREVENT SAW BLADE FORM BINDING OR GRABBING VINYL. C. FOR AREAS WITH HIGH WIND LOAD OR POSITIVE PRESSURE BELOW THE CEILING RESULTING IN UPLIFT OF TILES: INSTALL TWO (2) UPLIFT OF TILES: INSTALL TWO (2) UPLIFT PREVENTION CLIPS PER TILE; USG/DONN 115 CEILING CLIP OR EQUIVALENT. INSTALL CLIPS ON TILES NEAREST DOORS FIRST, AND WORK INWARDS. ONLY CLIP TILES THAT THAT EXHIBIT UPLIFT, DO NOT INSTALL ON ENTIRE CEILING. DO NOT INSTALL A "BLANKET" OR MINERAL FIBER TILE ON TOP OF THE CEILUME TILE TO PREVENT UPLIFT. 	 A. ALL DINING ROOM SUPPLY AND RETURN GRILLES SHALL BE INSULATED. FAILURE TO COMPLY WILL RESULT IN INSTALLATION BEING REJECTED, CORRECTIONS MADE AND ALL REMEDIAL COSTS CHARGED BACK TO CONTRACTOR. 	 8 ROOF HATCH. SEE 2&4/A6.2 9 MENU BOARD. SEE SCOPE OF WORK 10 BULKHEAD @ 10'-0" A.F.F. 11 LINE OF AXIOM EDGE DETAIL FOR FLOATING ACT CEILING, CL-9 12 FAN COIL FOR WALK-IN FREEZER/COOLER 13 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT C.L. OF BOX 7-11" AFF 14 WOOD TRUSS. B.O. TRUSS AT 11'-8" A.F.F
RCP LEGEND N.T.S. D	RE	FLECTED CEILING PLAN NOTES C	

	QTY	MANUFACTURER	TYPE	COLOR	SIZE	GROUT	Comments	ALTERNATE MANUFACTURER	ALTERNATE COLOR
CEILING									
L-2	469 SF	CEILUME	STRATFORD	WHITE	2X2	N/A	SUSPENDED GRID W/ALUMINIUM, KITCHEN FLAME SPREAD RATING 0-25, CLASS A, PAINT GRID SW6080 UTTERLY BEIGE		
L-5	363 SF	CERTAINTEED	CEILING TILE	ACT VINYL ROCK #1140 WASHABLE NON PERFORATED	2X2X1/2"	N/A	WHITE FLAME SPREAD RATING 0-25, CLASS A		
L-6	470 SF	CERTAINTEED	CEILING TILE	ACT VINYL ROCK #1140 WASHABLE NON PERFORATED	2X4X1/2"	N/A	WHITE SUSPENDED GRID W/ALUMINIUM, BOH FLAME SPREAD RATING 0-25, CLASS A		
9	45' - 5" LF	ARMSTRONG	AXIOM CLASSIC TRIM	WHITE	10"H PROFILE	N/A			

B-2	140' - 8" LF EUROWEST	TILE	URBAN WEAVE IVORY X606293X8	3X24	MAPEI # 2 PEWTER	DINING ROOM, ALCOVE	CREATIVE MATERIALS	METROPOLITAN 6"X12" COVE BASE
B-5	182' - 4" LF EUROWEST	TILE	QUARRY NON ABRASIVE PURITAN GRAY COVE BASE	4X24	MAPEI # 106 WALNUT	B.O.H, KITCHEN	CREATIVE MATERIALS	QUARRY #507, 6"X6" NATURAL, GROUT: MAPEI KERAPOXY IEG CQ W/ PART C GREY

FLOOKING									
T-2	1043 SF	EUROWEST	TILE	URBAN WEAVE IVORY X606293X8	24X24	MAPEI # 2 PEWTER	DINING ROOM, ALCOVE, RESTROOMS	CREATIVE MATERIALS	METROPOLITAN GREIGE 24X24 NATURAL, GROUT: MAPEI ULTRA COLOR PLUS
T-5	875 SF	EUROWEST	TILE	QUARRY #507 NON ABRASIVE PURITAN GRAY	6X6	MAPEI # 106 WALNUT	B.O.H, KITCHEN	CREATIVE MATERIALS	QUARRY #507, 6"X6" NATURAL, GROUT: MAPEI KERAPOXY IEG CQ W/ PART C GREY

I AMINATE

1				
NEVAMAR	LAMINATE	BAILEY # WK0027T	DOOR EDGES TO BE FINISHED SIMILAR TO FACES	
MARLITE	FIBERGLASS REINFORCED PANEL	FP-100 WHITE (PEBBLE FINISH) - NO COLOR VARIATIONS ACCEPTED	B.O.H WALLS	
WILSONART	LAMINATE	4886-38 PEARL SOAPSTONE # 4886-38	OPEN KITCHEN WALL / SHROUD - FINE VELVET FINISH	
WILSONART	LAMINATE	TIMEWORN COPPER T0486-22	SAUCE & SODA; POS / PICK UP COUNTER FACE	
NEVAMAR	LAMINATE	SMOKEY WHITE # 27027T	LAMINATE FOR OFFICE SHELVING	
STARON	SOLID SURFACE	STARON BRIGHT WHITE SS-3 GLOSS 15	1/2" SS GLUED TO 3/4" PLYWOOD BACKING	
-	MARLITE WILSONART WILSONART NEVAMAR	MARLITEFIBERGLASS REINFORCED PANELWILSONARTLAMINATEWILSONARTLAMINATENEVAMARLAMINATE	MARLITEFIBERGLASS REINFORCED PANELFP-100 WHITE (PEBBLE FINISH) - NO COLOR VARIATIONS ACCEPTED PANELImage: Color Color Variations accepted PanelWILSONARTLAMINATE4886-38 PEARL SOAPSTONE # 4886-38Image: Color Variations accepted PanelImage: Color Variations accepted 	MARLITEFIBERGLASS REINFORCED PANELFP-100 WHITE (PEBBLE FINISH) - NO COLOR VARIATIONS ACCEPTED PANELB.O.H WALLSWILSONARTLAMINATE4886-38 PEARL SOAPSTONE # 4886-38OPEN KITCHEN WALL / SHROUD - FINE VELVET FINISHWILSONARTLAMINATETIMEWORN COPPER T0486-22SAUCE & SODA; POS / PICK UP COUNTER FACENEVAMARLAMINATESMOKEY WHITE # 27027TSMOKEY WHITE # 27027T

METAL TRANSITION

MT-1	SCHLUTER	DILEX AHK	NICKEL ANODIZED ALUMINUM	23/32"	MAPEI # 47 CHARCOAL	COVE BASE	FOR ALL CALIFORNIA STORES, USE AF: SATIN ANODIZED ALUMINUM
MT-2	SCHLUTER	DILEX AHK	EB: BRUSHED STAINLESS STEEL			TILE WALL @ KITCHEN AND DINING - COVE BASE	
MT-3			SATIN ALUMINUM ANODIZED			METAL SILVER TRIM AT VERTICAL WAINSCOT SEAMS	
MT-4	SCHLUTER	JOLLY	SATIN ALUMINUM ANODIZED	1/2" PROFILE	MAPEI #01 ALABASTER	TILE WALL EDGE TRANSITION	

PAINT

P-3	SHERWIN WILLIAMS PAINT	SHOJI WHITE SW 7042	N/A	N/A	
P-4	SHERWIN WILLIAMS PAINT	FUNCTIONAL GRAY SW 7024	N/A	N/A	

P-4			SHERWIN WILLIAMS PAINT FUNCTIONAL GRAY SW 7024		N/A	N/A			
WALL TILE	E								
WT-3	151 SF	EUROWEST	TILE	MAY DEC AMBER 512020	4X12	MAPEI # 27 SILVER	ACCENT WALL TILE, STACK BOND, INSTALL ON WALL DOOR OPENING	OPPOSITE CREATIVE MATERIALS	TERRA DECO MIX 8X8, GROUT: MAPEI ULTRACOLOR PLUS
WT-4	908 SF	EUROWEST	TILE	MAY AZURE 512006	4X12	MAPEI # 49 LIGHT ALMOND	RESTROOM WALLS - STACK BOND	CREATIVE MATERIALS	TERRA ANTHRACITE 8X8 NATURAL, GROUT: MAPEI ULTRACOLOR PLUS
WT-7	295 SF	EUROWEST	TILE	MAIOLICA, AQUA MARINE, GLOSSY	4X12	MAPEI # 27 SILVER	RUNNING BOND PATTERN OFFSET 25%	CREATIVE MATERIALS	CMC SALVAGE WOOD WHITE WASH 3X36 NATURAL, GROUT: MAPEI ULTRACOLOR PLUS

Name	Floor Finish	Base Finish	Wall Finish	Accent Wall	Ceiling Finish	CEILING HEIGHT
BOH	T-5	B-5	FRP-1	N/A	CL-6	8' 10"
DINING	T-2	B-2	P-3, P-4	N/A	CL2, OPEN	VARIES, SEE A7.1
KITCHEN	T-5	B-5	P-3	WT-7	CL-5	10' 2"
MENS RESTROOM	T-2	MT-1	WT-4	WT-3	GWB, P-4	8' 6"
OFFICE	T-5	B-5	FRP-1	N/A	CL-6	8' 10"
WALK IN COOLER	T-5	B-5	N/A	N/A	N/A	PER MANUFACTURER
WALK IN FREEZER	N/A	N/A	N/A	N/A	N/A	PER MANUFACTURER
WOMENS RESTROOM	T-2	MT-1	WT-4	WT-3	GWB, P-4	8' 6"

Comments 2. GALV. STEEL WALL AND CEILUNG FOR LOCATIONS OF TILE AND FR. PAINT UNDERSIDE OF DECK & STRUCTURE P-4 3. APPROVED PAINT MANUFACTURERS: PAINT CEILING 4. APPROVED PAINT MANUFACTURERS: PAINT CEILING 9. ALL TILE MORTAR SHALL BE MIXED WITH WHITE SAME VENDOR, EITHER EUROWEST OR CREATIVE MATERIAL CORP. PAINT CEILING 9. ALL TILE MUST BE ORDERED FROM THE SAME VENDOR, EITHER EUROWEST OR CREATIVE MATERIAL CORP.	ROOM SCHEDULE	D	FINISH NOTES (C	
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	Comments		2. GALV. STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.		<u>EU</u> JA DE

FINISH LEGEND

A

UROWEST DECORATIVE SURFACES AN DETER ESIGN/ ARCH. CONSULTANT 14)-309-9551 /WW.EUROWEST.COM

<u>MARLITE</u> DAN EGBERS 330)-343-6621 /WW.MARLITE.COM

/ILSONART INTERNATIONAL, INC. AVID CHICKVARA 54)-207-2130 HICKV@WILSONART.COM

HERWIN WILLIAMS RAD HARRINGTON 216)-341-5553 EXT. 115 ELL: 216-210-2723 RAD.E.HARRINGTON@SHERWIN.COM

REATIVE MATERIALS CORP. H: (800)-207-2967 EXT BELL(2355) ACOBELLTILE@CREATIVEMATERIALSCORP. MC

ETROPLATE CONCRETE DYE 717)-439-1114

UMMINGS SIGNS NN BAKER 300)-489-7446 EXT. 1001 RECT DIAL: (615)-872-0068 ELL: (615)-812-2204

<u>NATIONAL METAL SHAPES</u> RUSSEL DAY (800)-837-9559

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

<u>BERRIDGE</u> 1-(800)-669-0009

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

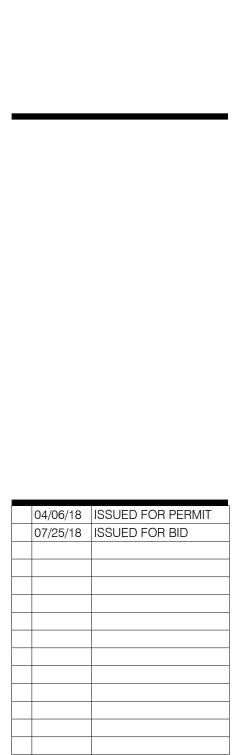
DAVIS COLORS (MORTAR PIGMENT) WEST: (800)-356-4848 EAST: (800)-638-4444

<u>Everbrite</u> Nichole Bierman NBIERMAN@EVERBRITE.COM (414)-529-7179

CONTACTS B

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

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



Mark S. Salopek,

LLC

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

CONTRACT DATE: 01.08.18 BUILDING TYPE: T40M-O PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03

TACO BELL

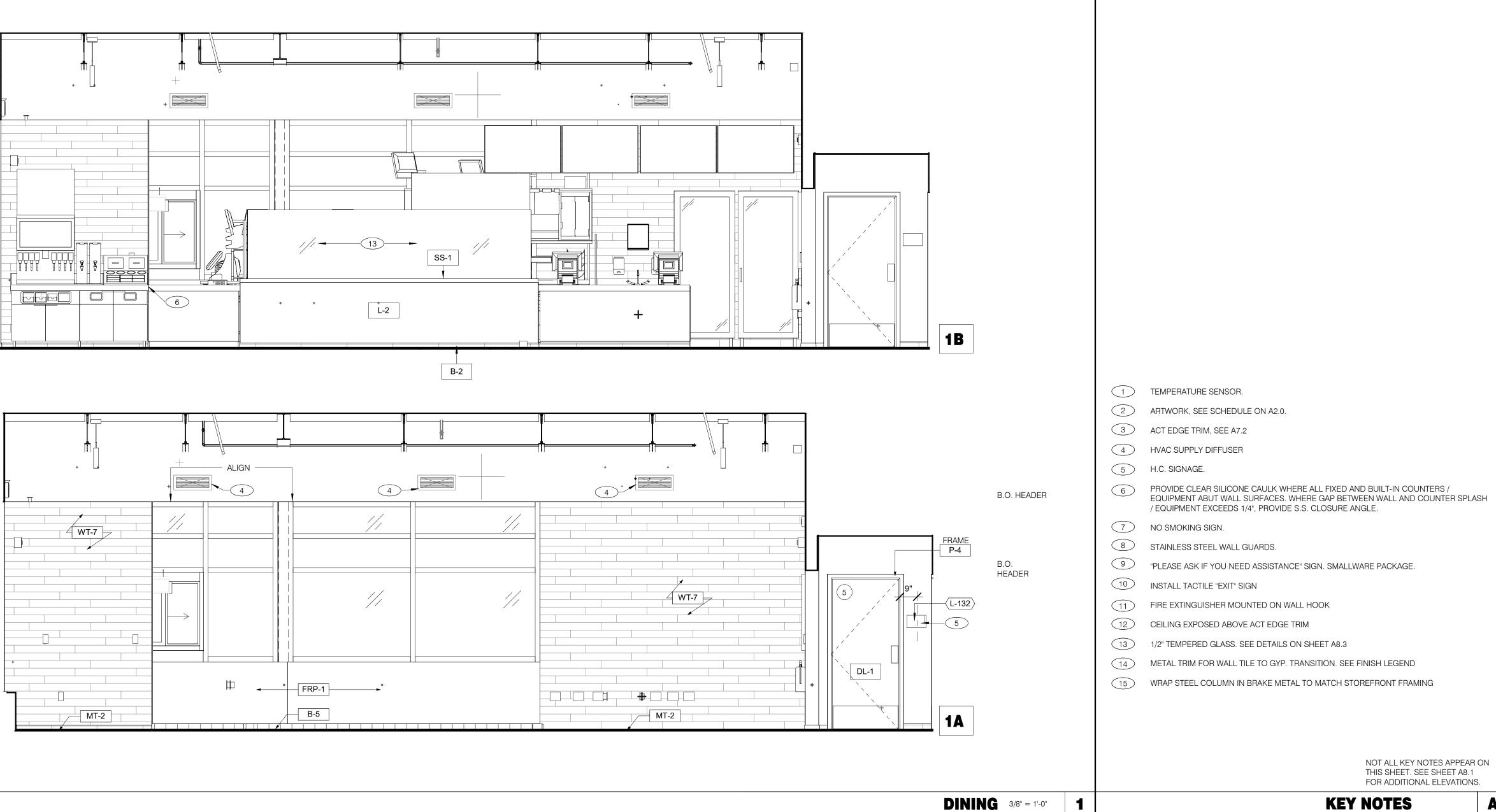
5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484

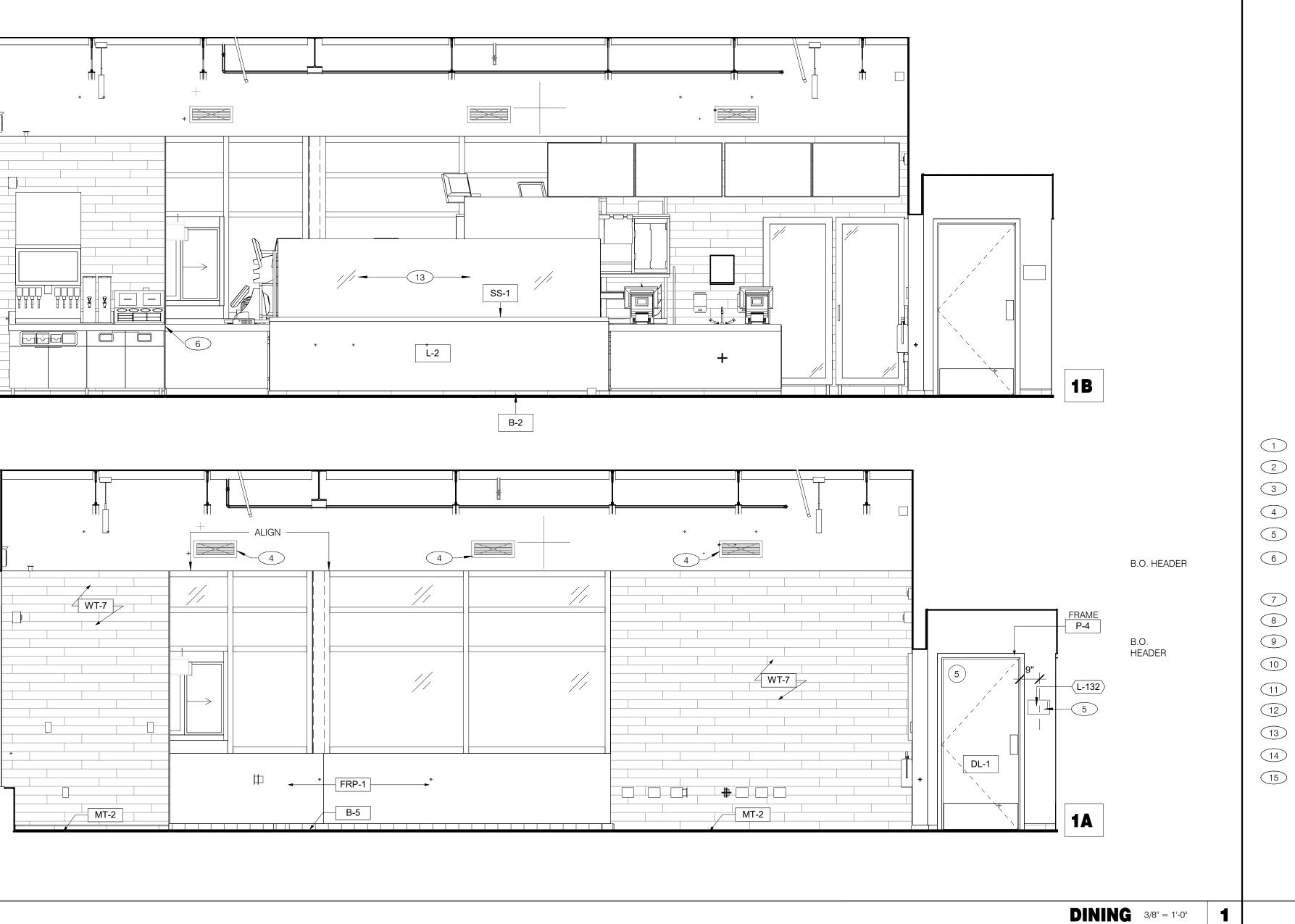


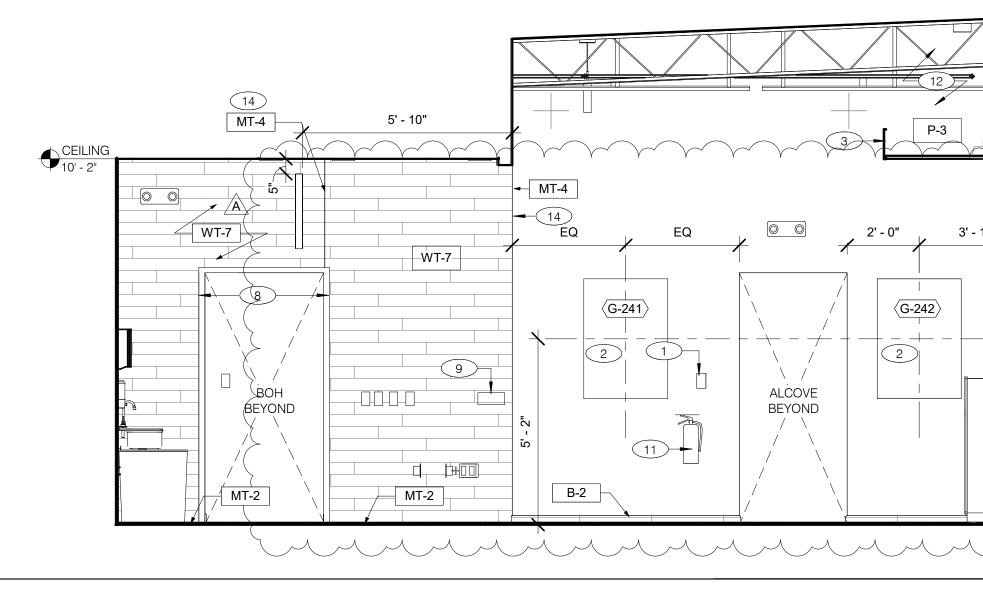
OPEN KITCHEN CALIFORNIA SOL





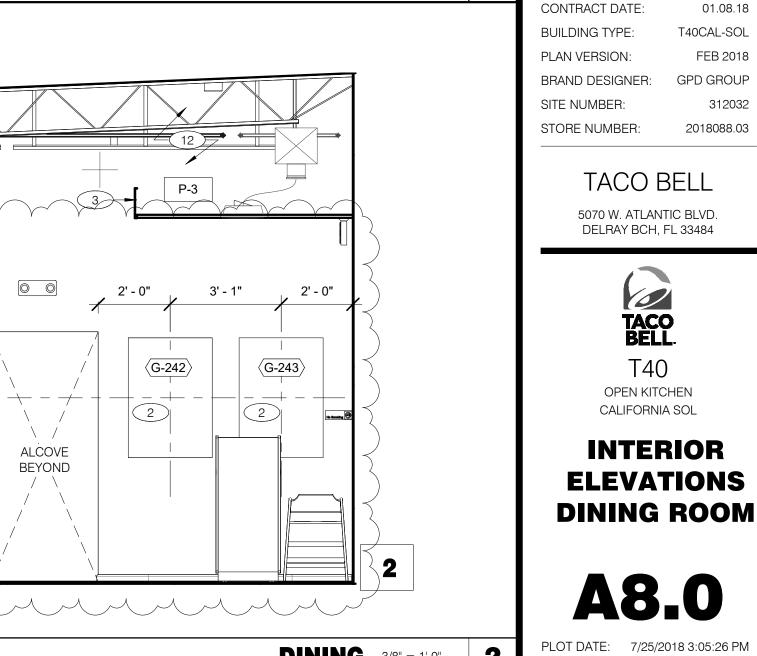






DINING 3/8" = 1'-0"

2



KEY NOTES

NOT ALL KEY NOTES APPEAR ON THIS SHEET. SEE SHEET A8.1 FOR ADDITIONAL ELEVATIONS.

14 METAL TRIM FOR WALL TILE TO GYP. TRANSITION. SEE FINISH LEGEND (15) WRAP STEEL COLUMN IN BRAKE METAL TO MATCH STOREFRONT FRAMING

A

/ EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.

1 TEMPERATURE SENSOR.

2 ARTWORK, SEE SCHEDULE ON A2.0.

A 06/06/18 CLIENT REVISIONS 04/06/18 ISSUED FOR PERMIT 07/25/18 ISSUED FOR BID

> 01.08.18 T40CAL-SOL

> > FEB 2018

312032

GPD GROUP

2018088.03

TACO BELL

5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484

TACO BELL

T40

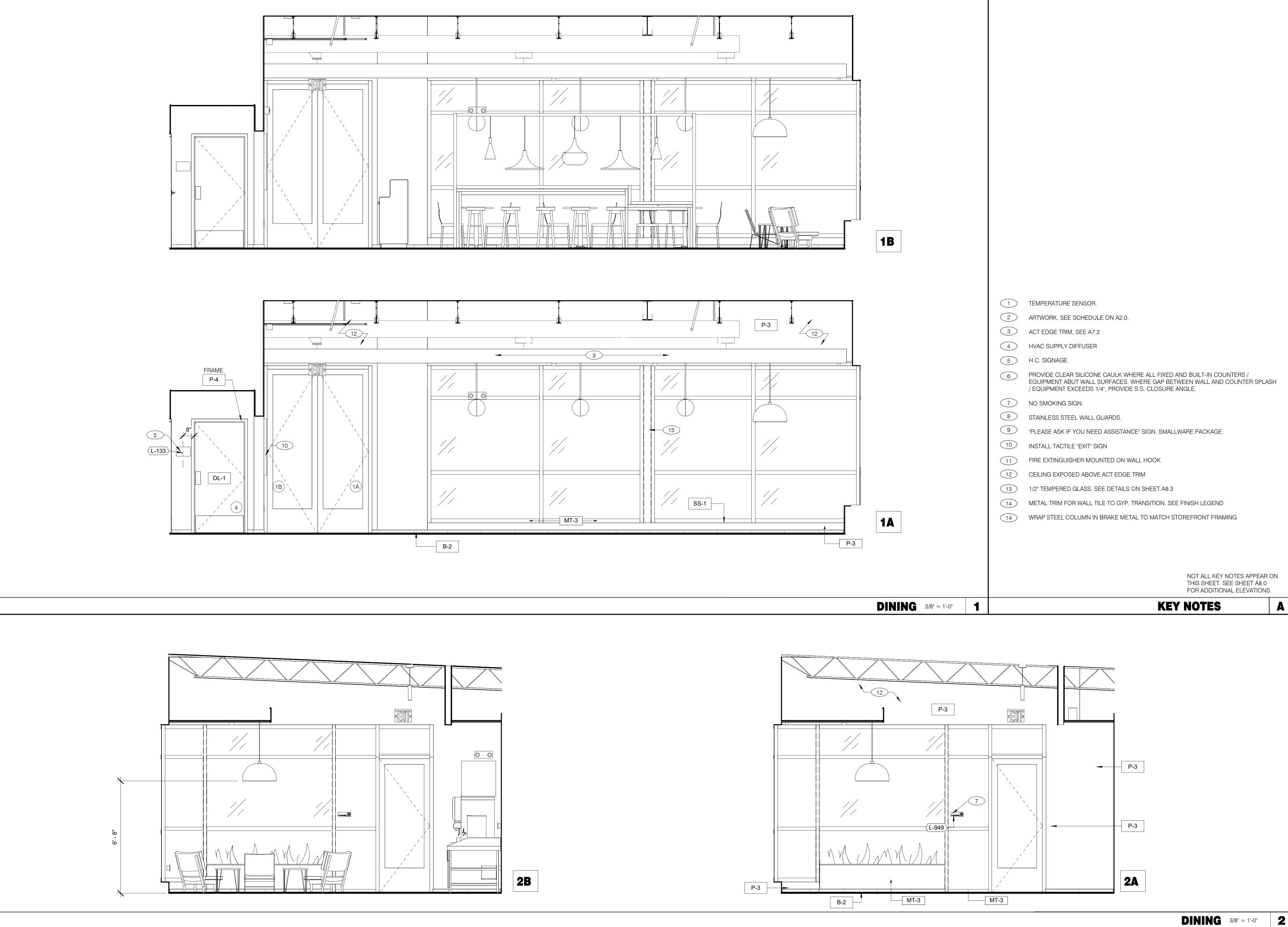
OPEN KITCHEN

CALIFORNIA SOL

INTERIOR

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NOT ALL KEY NOTES APPEAR ON THIS SHEET. SEE SHEET A8.0 FOR ADDITIONAL ELEVATIONS.

A

	07/25/18	ISSUED FOR BID	
со	CONTRACT DATE: 01.08.18		

04/06/18 ISSUED FOR PERMIT

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03

TACO BELL 5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484



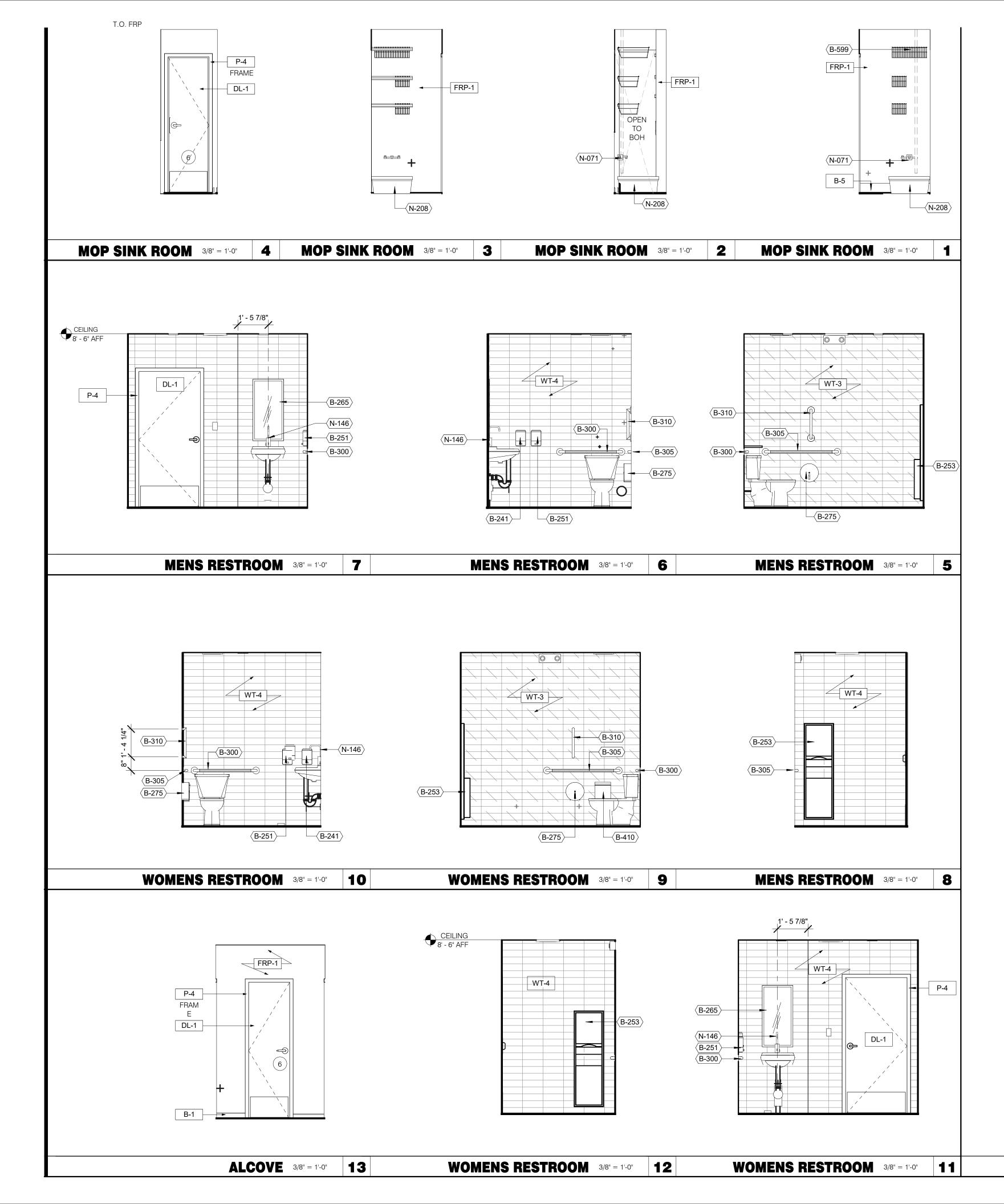


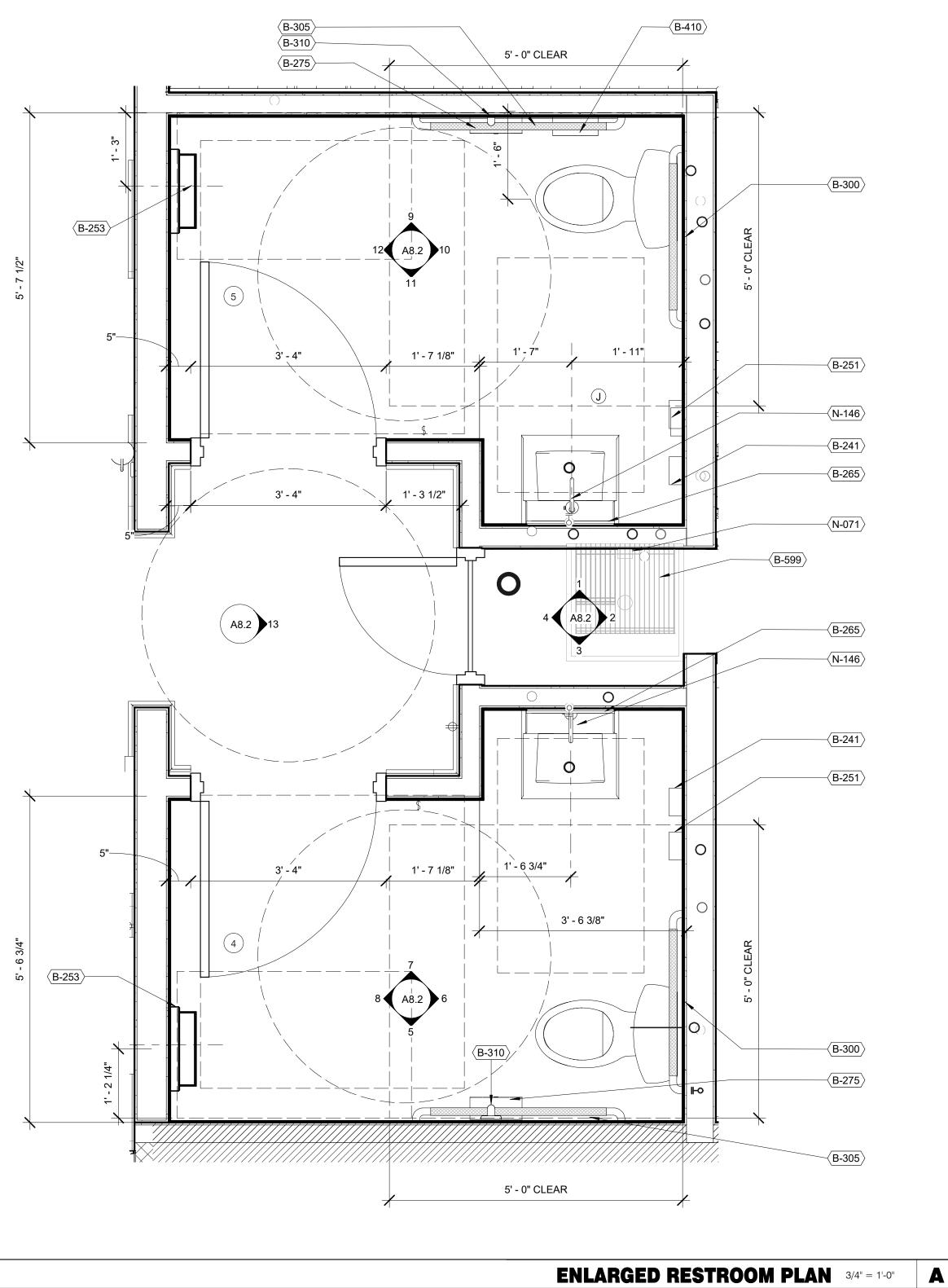


T40 OPEN KITCHEN CALIFORNIA SOL









- PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
 GRAB BARS, EASTENIERS, AND MOUNTING DEVICES.
- 2. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
- REFER TO SHEET ADAT.U.
 REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
- REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS
- AND CLEARANCES OF ACCESSORIES AND FIXTURES.
 5. ALL DIMENSIONS THIS DRAWING ARE TO FINISH
- SURFACE. 6. FOR () DESCRIPTIONS, REFER TO ARTWORK
- SCHEDULE ON SHEET A2.0.PROVIDE 1/4" MAX GAP AT ALL TOILET PARTITION
- JOINTS.
- 8. FOR DESCRIPTIONS, REFER TO EQUIPMENT SCHEDULE ON SHEET A2.0.

*ABSOLUTE DIMENSIONS

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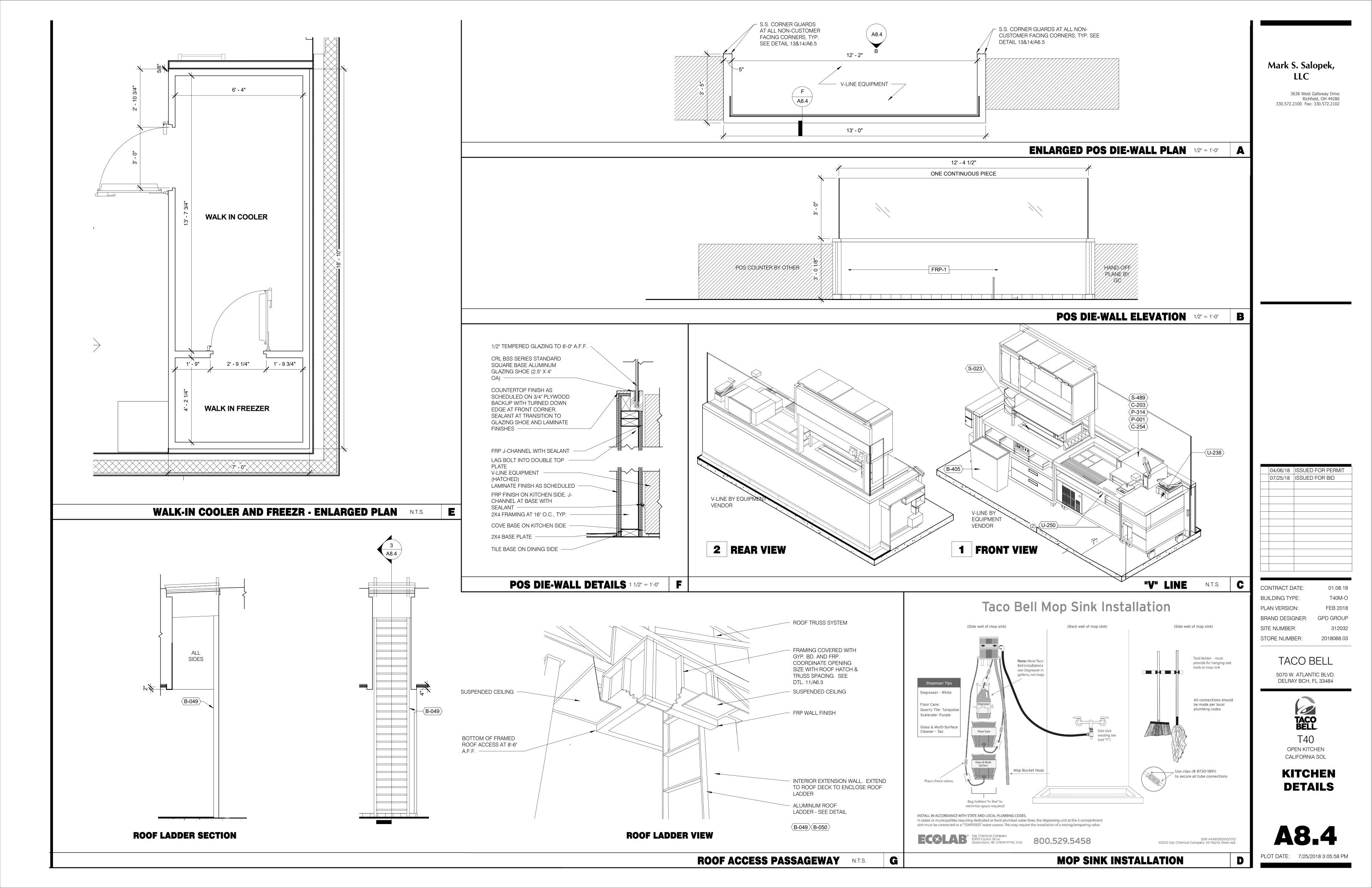
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	07/25/18	ISSUED F	OR BID
со	NTRACT D	ATE:	01.08.18
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	AND DESIC		GPD GROUP
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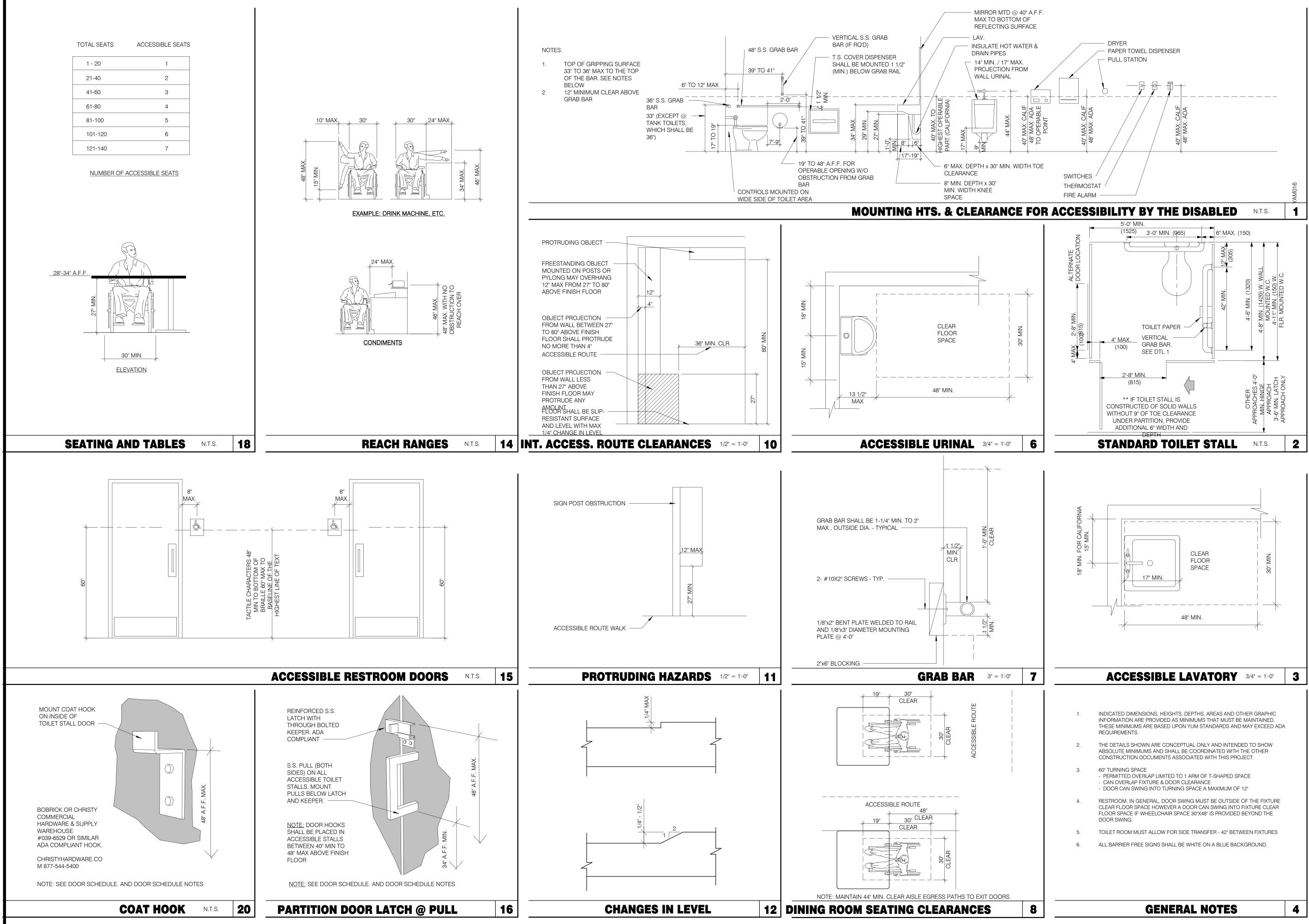


	BUNDLED PVC SYRUP LINES & ICE MACHINE REFRIGERANT LINES	20	V V
2	FAN MOTOR STARTERS, SURFACE MOUNTED. (2) TYP.	21	F
3	DRIVE-THRU TIMER DISPLAY UNIT.	(22)	C
4	SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 13/A6.5.	(23) (24)	
5	REMOVABLE FRP PANEL AT DRINK STATION.	(25)	E
6	SS CORNER GUARDS AT PERIMETER OF D/T WINDOW. SEE DETAIL 10/A6.4 AND SCOPE OF WORK FOR RESPONSIBILITIES.	26	Ν
(7)	SPLASHGUARD. SEE DETAIL 9/A6.5.	27	T V
8	SS PANEL BEHIND HOOD.	28	V
9	ANSUL PULL STATION.	29	Т
10	J-BOX AND OUTLET INCLUDED WITH HOOD. INSET WITH FLUSH WITH FACE OF HOOD.	30	1
11	SHELF BY G.C. FINISH WITH PLASTIC LAMINATE DL-3.	31	C
12	GAS SHUT-OFF VALVE.	32	~ N
13	FILTER FOR HOT WATER SYSTEM.	33	S
14	METAL TILE EDGE DETAIL AT CORNER, SEE DETAIL 20/A6.5		F
15	ALERT LIGHT BOX FOR POWER SOAK		
16	COUNTER BY G.C.		
17	VERTICAL ACT BORDER ABOVE WALK-IN/ BELOW CEILING. SEE DETAIL 9/A6.6.		
18	NOT USED.		
19	S.S. EDGE BELOW STOREFRONT AND ABOVE COUNTER TOP. SEE DETAIL 6/A6.4.		

01.08.18

FEB 2018





04/06/18 ISSUED FOR PERMIT 07/25/18 ISSUED FOR BID
CONTRACT DATE:01.08.18BUILDING TYPE:T40M-OPLAN VERSION:FEB 2018BRAND DESIGNER:GPD GROUPSITE NUMBER:312032STORE NUMBER:2018088.03
TACO BELL 5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484
TACO BELL. T40 OPEN KITCHEN CALIFORNIA SOL
ACCESSIBILITY REQUIREMENTS
ADA1.0
PLOT DATE: 7/25/2018 3:06:01 PM

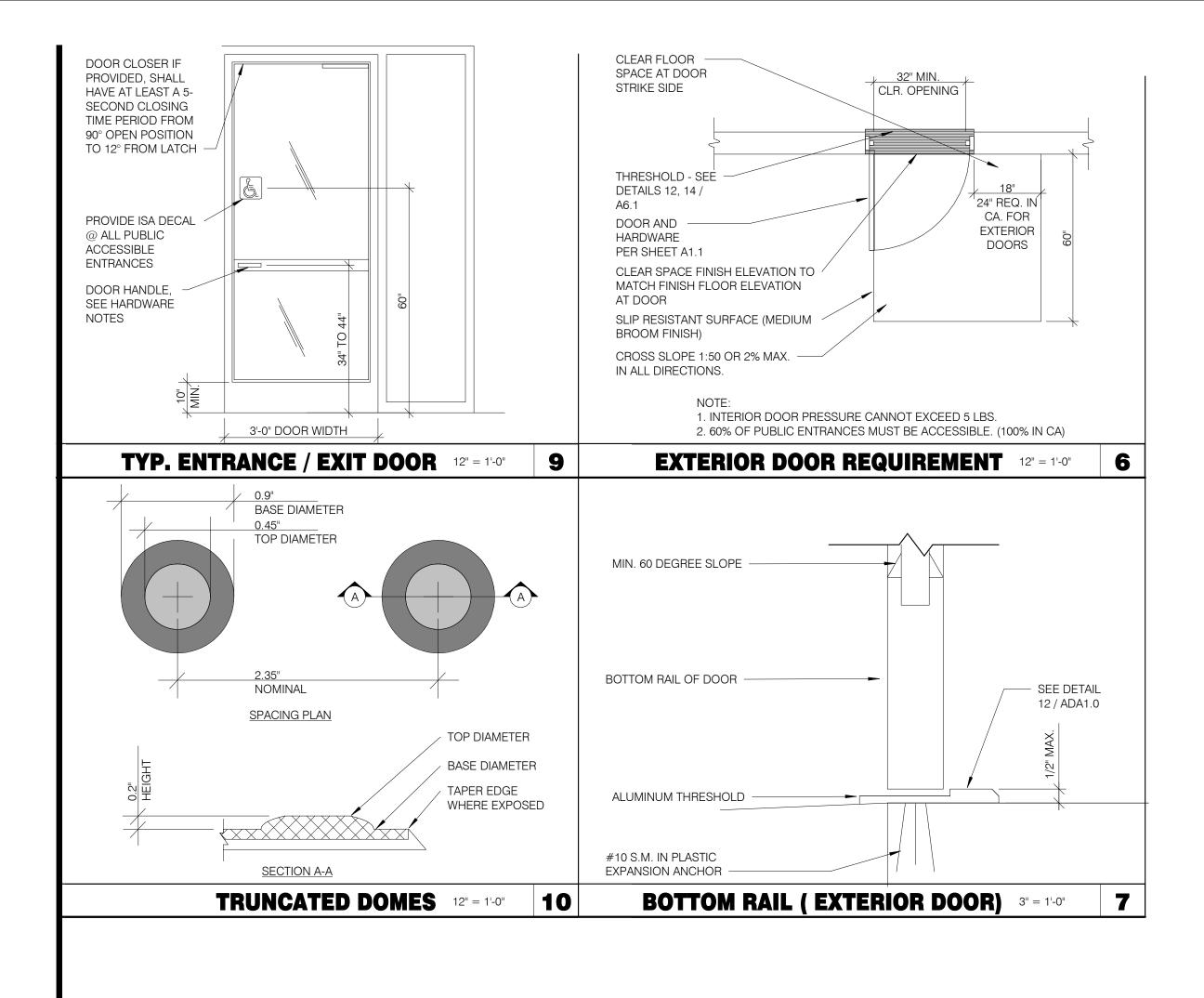
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Richfield, OH 44286



Mark S. Salopek, LLC

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

04/06	/18	SSUED FOR PERMIT					
07/25	/18	SSUED FOR BID					
CONTRACT DATE: 01.08.18							
JUNIHAUI DATE: 01.08.18							

BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03

5070 W. ATLANTIC BLVD. DELRAY BCH, FL 33484



OPEN KITCHEN CALIFORNIA SOL





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 THE KITCHEN EQUIPMENT.
- PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING. З.

HVAC:

- 1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS 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 4
- CONNECTIONS. M.C. SHALL PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT,
- CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF 6.
- WORK.
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- ALL SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED.
- ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 14'-0", WHICH MAY BE FLEX. SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT, PRIOR TO ANY OUTSIDE AIR CONNECTIONS, AND SHALL 10.
- DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SMOKE DETECTOR IN THE SUPPLY AIR DUCT ONLY IF REQUIRED BY LOCAL CODE.
- 11. ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. SEE 15/M4.0. ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE 12.
- ACCESS PANELS TO DAMPERS. SEE 4/M4.0.
- ALL UTILITY PIPING FOR RTU'S SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB. 13. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS. 14.
- 15. FINAL HVAC SYSTEM TESTING AND BALANCING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENT'S ARRIVAL, EQUIPMENT NOT WIRED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST FOR SAME SHALL BE ALSO INCURRED BY THE GENERAL CONTRACTOR.
- 16. INSTALL PER NEW FLORIDA CODES (2017): ALL CODES BUILDING, MECHANICAL, STRUCTURAL ETC.

			MECHANICAL NOTES	6											ED BY OWNER WITH HOOD PAC ED WITH DAMPER TRAY	KAGE
SYMBOL & ABBREV.	DESCRIPTION	SYMBOL & ABBREV.	DESCRIPTION													
SA/SUP	SUPPLY AIR (RISE/DROP)	A/C, AC	AIR CONDITIONING									SUP	PLY AND EXH	iaust fan	I SCHEDULE	2
RA/RET	RETURN AIR DUCT (RISE/DROP)	BDD	BACK DRAFT DAMPER													
EA/EXH	EXHAUST AIR DUCT (RISE/DROP)	СВ	CIRCUIT BREAKER				FACE SIZE OR	R (NO.) & AIR								
- CD/SR	CEILING DIFFUSER/SUPPLY REGISTER	CLG.	CEILING		ARK QUANTITY	NECK SIZE	GRID SIZE	PATTERN		MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER		
	(ARROWHEAD REPRESENTS NUMBER OF THROW)	CONN.	CONNECT/CONNECTION		-1 2 -2 1	8"Ø 8"Ø	12x12 12x12	-	EXHAUST EXHAUST	75 200	SURFACE SURFACE	ALUMINUM ALUMINUM	METAL-AIRE / TITUS METAL-AIRE / TITUS	CC5 / 50F CC5 / 50F	FRN SQR TO RND AD, FRN SQR TO RND AD,	
RR/RG	RETURN REGISTER/GRILLE	CONT.	CONTINUATION		R-1 4	22x22	24x24	-	RETURN	2000	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB / 50FF		
	EXHAUST REGISTER/GRILLE	CONT'R	CONTRACTOR		6-1 7	SEE PLANS	24x24	(2)4W/(2)3W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA		
		CFM	CUBIC FEET PER MINUTE		3-2 3 3-3 3	6"Ø 18x6	14x14 20x8	HORIZ VERT	SUPPLY SUPPLY	250 520	SURFACE SURFACE	ALUMINUM	METAL-AIRE / TITUS TITUS	5000-1 / TDC-AA 301RL	FRN SQR TO RND AD, SUPPLY GRILLE WITH SINGLE	
	RECTANGULAR DUCT ELBOW WITH TURNING VANES	DET.	DETAIL		G-4 5	SEE PLANS	24x24	HORIZ	SUPPLY	600	LAY-IN	ALUMINUM	HART & COOLEY	RZMCDST	PLASTIC MODULAR (
	FLEXIBLE CONNECTION	DISC.	DISCONNECT	 NOT	ĒĊ.											
MCD	MANUAL VOLUME DAMPER	DTR	DOWN THRU ROOF			ACE MOUNTED C	EILINGS SHALL	BE PROVIDED	WITH OPPOSED B	BLADE DAMPERS. S	SEE ARCHITECTU	JRAL DRAWINGS F	OR CEILING TYPES.			
FD	FIRE DAMPER	EF	EXHAUST FAN													
(L)	DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)	(E)	EXISTING													
	SINGLE LINING DUCT BRANCH TAKEOFF	(L) GA.	GAGE/GAUGE													
	DUCT TRANSITION (RECTANGULAR TO ROUND)															
FLEX	FLEXIBLE DUCT (14'-0" MAXIMUM)	GC														
T T-STAT	PROGRAMMABLE THERMOSTAT, PROVIDED WITH LENNOX PACKAGE	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING													
(TS)	THERMOSTAT SENSOR (REMOTE), PROVIDED WITH LENNOX PACKAGE	MFR.	MANUFACTURER													
(H)	HUMIDITY SENSOR (REMOTE), PROVIDED WITH LENNOX PACKAGE	MECH.	MECHANICAL													
— D — D	CONDENSATE DRAIN	(N)	NEW													
Ø DIA.	DIAMETER	OA/OSA	OUTSIDE AIR													
DLDL	DOOR LOUVER	OBD	OPPOSED BLADE DAMPER													
UC UC	DOOR UNDERCUT (3/4" MINIMUM)	S/S	STAINLESS STEEL													
		TYP.	TYPICAL													
(X-X 0000)	MECHANICAL EQUIPMENT DESIGNATION	UON	UNLESS OTHERWISE NOTED													
		UTR	UP THRU ROOF											AIR DEVICE	SCHEDULE	3
R RESET	SMOKE DETECTOR RESET															
			MECHANICAL SYMBOLS	7												

				FAI	N DATA			CC	OLING CAPACI	TY	F	EATING CA	PACITY		UNIT	ELECT DA	ATA				
				MIN.					MIN CAP		INPUT										
		AREA	SUPPLY	O.A.				NOMINAL	(MBH)		STAGE	OUTPUT	HEATING	AFUE	VOLTS/		MOCP				
	MARK	SERVED	CFM	CFM	ESP	HP	RPM	TONS	TOT/SEN	EER	(MBH)	(MBH)	STAGES	%	PH	MCA (A)	(A)	(LBS.)	MANUF.	MODEL	NOTES
GREEN	RTU-1	DINING	2625	600	1.0"	3	1095	7.5	93.0/67.9	12.5	130	104	2	80	208/3	44	50	1261	LENNOX	LGH092H4BS1Y	1,2,3,4,5,6,7,8,9
	RTU-2	KITCHEN	5250	950	1.0"	5	970	15.0	182.1./138.4	12.0	169	135	1	80	208/3	71	80	2212	LENNOX	LGH180H4BE1Y	1,2,3,4,5,6,7,8,9

SCHEDULE NOTES:

- 1. LISTED CAPACITY IS THE STANDARD UNIT'S GROSS COOLING CAPACITY AT 80 DEG. F. DB / 67 DEG. F. WB EAT AND 95 DEG. F. AMBIENT. OUTDOOR DESIGN CONDITION. SUMMER 90 DEG. F. & 78 DEG. F WB. WINTER 43 DEG. F. (ARI STANDARD CONDITIONS). THERMOSTAT SHALL BE PROGRAMMED FOR 73 DEG. F IN SUMMER AND 68 DEG. F IN WINTER WITH 2 DEG ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60 DEG. F MINIMUM.
- 2. SPECIFIED RTUS ARE DOWN DISCHARGE PACKAGED GAS / ELECTRIC ROOFTOP UNITS WITH MINIMUM 2-STAGE COOLING. INCLUDES THROUGH THE ROOF CURB POWER, GAS & CONDENSATE DRAIN. GAS PIPING SHALL BE FACTORY PIPED WITH SHUT-OFF OUTSIDE OF UNIT.
- 3. SPECIFIED UNIT INCLUDES HINGED ACCESS DOORS, 2" PLEATED FILTERS, LOW AMBIENT CONTROL TO 0 DEG. F., MODULATING ECONOMIZER, CIRCUIT BREAKER WITH SINGLE POINT WIRING, HAIL GUARD, AND FACTORY FABRICATED, KNOCK DOWN ROOF CURB.
- 4. SPECIFIED UNIT INCLUDES FACTORY INSTALLED GAS REHEAT OPTION, INCLUDING REMOTE MOUNTED TEMPERATURE AND HUMIDITY SENSORS AS INDICATED ON THE DRAWINGS. 5. SPECIFIED UNIT INCLUDES SUPPLY AIR TEMPERING CONTROL
- 6. UNITS REQUIRE EPOXY COATED COILS.
- 7. SPECIFIED RTUS SHALL BE SUPPLIED WITH OVERSIZED INDOOR FAN MOTOR AND EVAPORATOR MOTOR. 8. FIELD COORDINATE ROOF CURB LOCATION WITH STRUCTURE AND ROOFING SUB-CONTRACTOR.
- 9. THIS LOCATION IS IN HIGH-VELOCITY HURRICANE ZONE. PROVIDE AND INSTALL HURRICANE STRAPPING PER MANUFACTURERS SPECIFICATIONS.

	-										
				FAN D	ATA						
	GREEN	Mark	CFM	ESP	RPM	HP	VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES
Ē		EF-1	1050	0.9	1344	1/2	120/1	DIRECT	STRATOVENT	#SVDU50HFA	1,3,5,6,7,8,10
		EF-2	300	0.375	1025	1/4	120/1	DIRECT	STRATOVENT	#SVDR30HFA	2,4,7,8,9,10,1

MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
75	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5 / 50F	FRN SQR TO RND ADAPTER
200	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5 / 50F	FRN SQR TO RND ADAPTER
2000	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB / 50FF	FULLY REMOVABLE FACE
600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA	FRN SQR TO RND ADAPTER
250	SURFACE	ALUMINUM	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQR TO RND ADAPTER
520	SURFACE	ALUMINUM	TITUS	301RL	SUPPLY GRILLE WITH SINGLE DEFLECTION
600	LAY-IN	ALUMINUM	HART & COOLEY	RZMCDST	PLASTIC MODULAR CORE



NOTE: THE OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 22.8% FOR RTU-1 AND 18% FOR RTU-2.

GPD GROUP, INC.

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HVAC	UNIT SCHEDULE
<u>REMA</u>	RKS:
1.	UL 762 LISTED (GREASE)
 2.	UL 705 LISTED (HEAT OR STEAM)
 З.	FLAT ROOF CURB, 19.5" X 19.5" X 26"H, VENTED
4.	FLAT ROOF CURB, 19.5" X 19.5" X 14"H
5.	GREASE CUP WITH DRAIN
6	

- FACTORY ATTACHED HINGES 6. WEATHERPROOF PRE-WIRED DISCONNECT SWITCH
- PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER

1

- GRAVITY BACKDRAFT DAMPER

8.

9.

N	OA	RA	SA	EA	PRESSURE
1				1050	-1050
2				300	-300
-1	600	2025	2625		+600
-2	950	4300	5250		+950
۹L	1550	6325	7875	1350	+200

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L	1	

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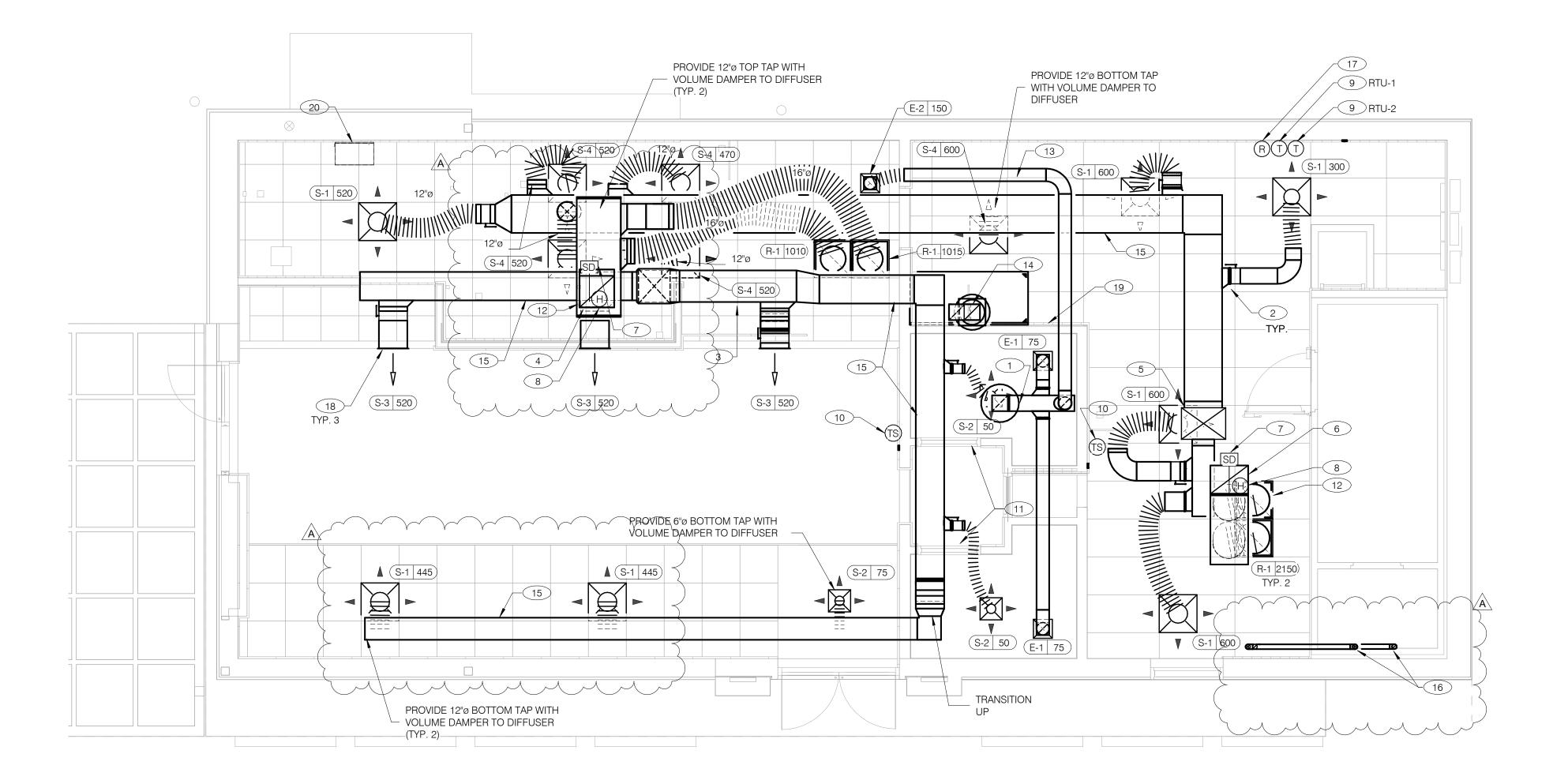






4

AIR BALANCE SCHEDULE CFM



C

GENERAL NOTES - MECHANICAL NTS

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

			DUCT AND DIFFUSER PLAN 1/4" = 1'-0"
		1 10x10 EXHAUST AIR DUCT UP TO EF-2.	13 RUN DUCT THROUGH OPEN WEBBING OF ROOF JOISTS (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
1.	DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS SO AS NOT TO CONFLICT WITH	 2 SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES. 3 EXTEND FULL SIZE SUPPLY DUCT DROP WITH FLEX CONNECTION TO RTU-1. 	10"x10" EXHAUST AIR DUCT DOWN FROM EF-1 AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD. EXHAUST DUCT SHALL BE ROUTED THROUGH WEBBING OF JOISTS TO CONNECT TO HOOD COLLAR, SEE HOOD
2.	LIGHT FIXTURE LOCATIONS. THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SUBBASE. REMOTE TEMPERATURE SENSOR, AND REMOTE HUMIDITY	4 DUCT TRANSITION FROM MAIN RETURN PLENUM TO 22"X18" RETURN AIR DUCT. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RTU-1 WITH FLEX CONNECTION.	DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 6 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
3.	SENSOR. HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS. REFER TO HVAC UNIT SCHEDULE, 1/M1.0, FOR APPLICATION CONDITIONS.	5 EXTEND FULL SIZE SUPPLY PLENUM WITH FLEX CONNECTION TO RTU-2.	15 RUN MAIN SUPPLY DUCT UNDER BOTTOM OF JOIST. COORDINATE ACTUAL DUCT ROUTING WITH FINAL CEILING HEIGHT.
4.	COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.	6 EXTEND FULL SIZE RETURN DUCT DROP WITH FLEX CONNECTION TO RTU-2.	(16) FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLUE VENT TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
5. 6.	NO FLEX DUCT ALLOWED ON EXHAUST SYSTEMS. HVAC TEST AND BALANCE: CONTRACTOR TO CONTACT ONE OF THE FOLLOWING COMPANIES TO PERFORM THE HVAC AIR BALANCE.	7 FURNISH AND INSTALL SMOKE DETECTOR IN THE RETURN AIR DUCT, IN ACCORDANCE WITH LOCAL CODES. DUCT SMOKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR, SEE SHEET E3.2.	17 NEW SMOKE DETECTOR RESET SWITCH WITH KEY. MFR. IS "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F INSTALL PER MFR. SPECIFICATIONS.
•	TEST AND BALANCE CORP. MISTY CRIDER (678) 393-9401 EXT.2237 isextonkeeton@tabonline.com	 8 HUMIDITY SENSOR (REMOTE). HUMIDITY SENSOR LOCATION SHALL BE PLACED IN RETURN AIR DUCTWORK. 9 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. 	18 INSTALL SIDE-WALL MOUNTED GRILLE AT APPROXIMATELY 10'-8" A.F.F. CONNECT GRILLE TO SUPPLY DUCT AND PROVIDE WITH VOLUME DAMPER AT CONNECTION PAINT TO MATCH ADJACENT CONDITIONS.
•	MELINK CORP. JENNIFER JACKSON (513) 393-9401 EXT. 2237 kjohnson@melinkcorp.com	COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. 10 MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR.	19 CONTRACTOR TO INSTALL FIRE SUPPRESSION CABINET ON EXHAUST HOOD. CONTRACTOR TO PROVIDE ALL NECESSARY PIPING, FITTINGS, AND ACCESSORIES TO MAKE FINAL CONNECTION AT HOOD. FIELD VERIFY EXACT
·	AIR CARE EXPERTS CHUCK McCABE cmccabe@ace-iaq.com	 UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR. RUN DUCTWORK BETWEEN JOISTS AS HIGH AS POSSIBLE. COORDINATE ACTUAL DUCT ROUTING WITH FINAL TRUSS SPACING AND LOCATIONS. 	20 CONTRACTOR TO PROVIDE AND INSTALL AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. PROVIDE BERNER MODEL DTU03-2026A AT 120/1/60. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.



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KEYNOTES - DUCT AND DIFFUSER NTS

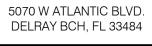


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TACO BELL

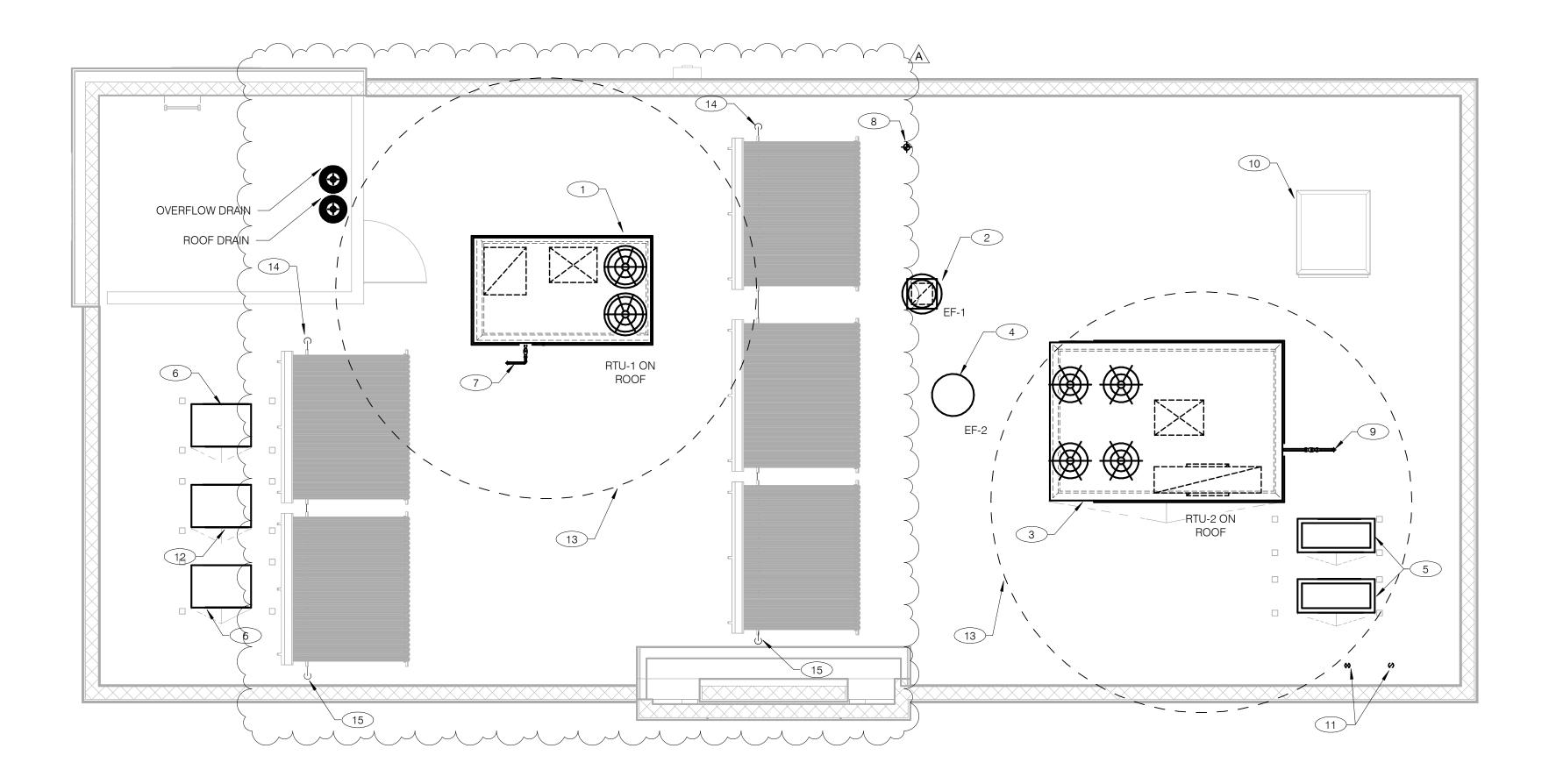












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- 1 CONTRACTOR TO PROVIDE AND INSTALL RTU-1 IN LOCATION AS SHOWN ON PLANS COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT.
- 2 CONTRACTOR TO PROVIDE AND INSTALL TYPE I EXHAUST FAN (EF-1) IN LOCATION A SHOWN PLANS. CONNECT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



		MECHANICAL ROOF PLAN 1/4" = 1'-0"
S. (9	1-1/4" GAS PIPING UP THROUGH ROOF FROM BELOW. CONNECT TO RTU AND PROVIDE WITH SHUT-OFF VALVE AND DIRT LEG.
AS F-1	10	ROOF HATCH. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
S.	11	FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLUE VENT TERMINATION ON ROOF. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ENSURE AT LEAST A 10'-0" DISTANCE BETWEEN ANY OUTDOOR AIR INTAKES.
AS	12	CONDENSING UNIT SERVING FROZEN BEVERAGE MACHINE. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
A	13	MAINTAIN A WINIMUM 10-0" CLEARANCE TO ANY EXHAUST TERMINATIONS.
ANT	14	SOLAR PANEL SUPPLY PIPING UP THRU ROOF. ROOFING CONTRACTOR SHALL MAKE ALL ROOF PENETRATIONS. SEE PLUMBING PLANS FOR CONTINUATION.
OF L N	15	SOLAR PANEL DOWN PIPING DOWN THRU ROOF. ROOFING CONTRACTOR SHALL MAKE ALL ROOF PENETRATIONS. SEE PLUMBING PLANS FOR CONTINUATION.
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EN		
		KEYNOTES - ROOF PLAN NTS B



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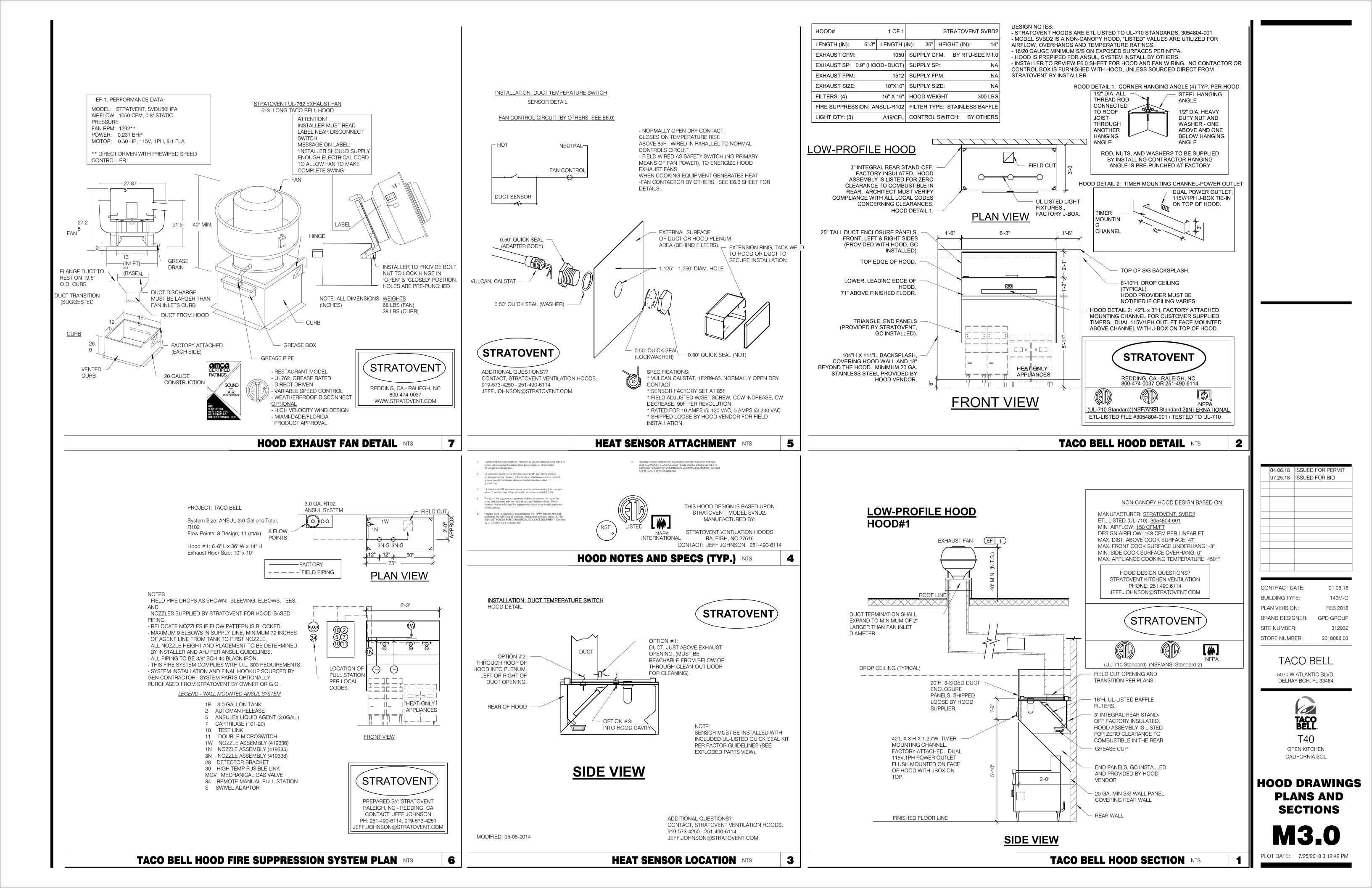
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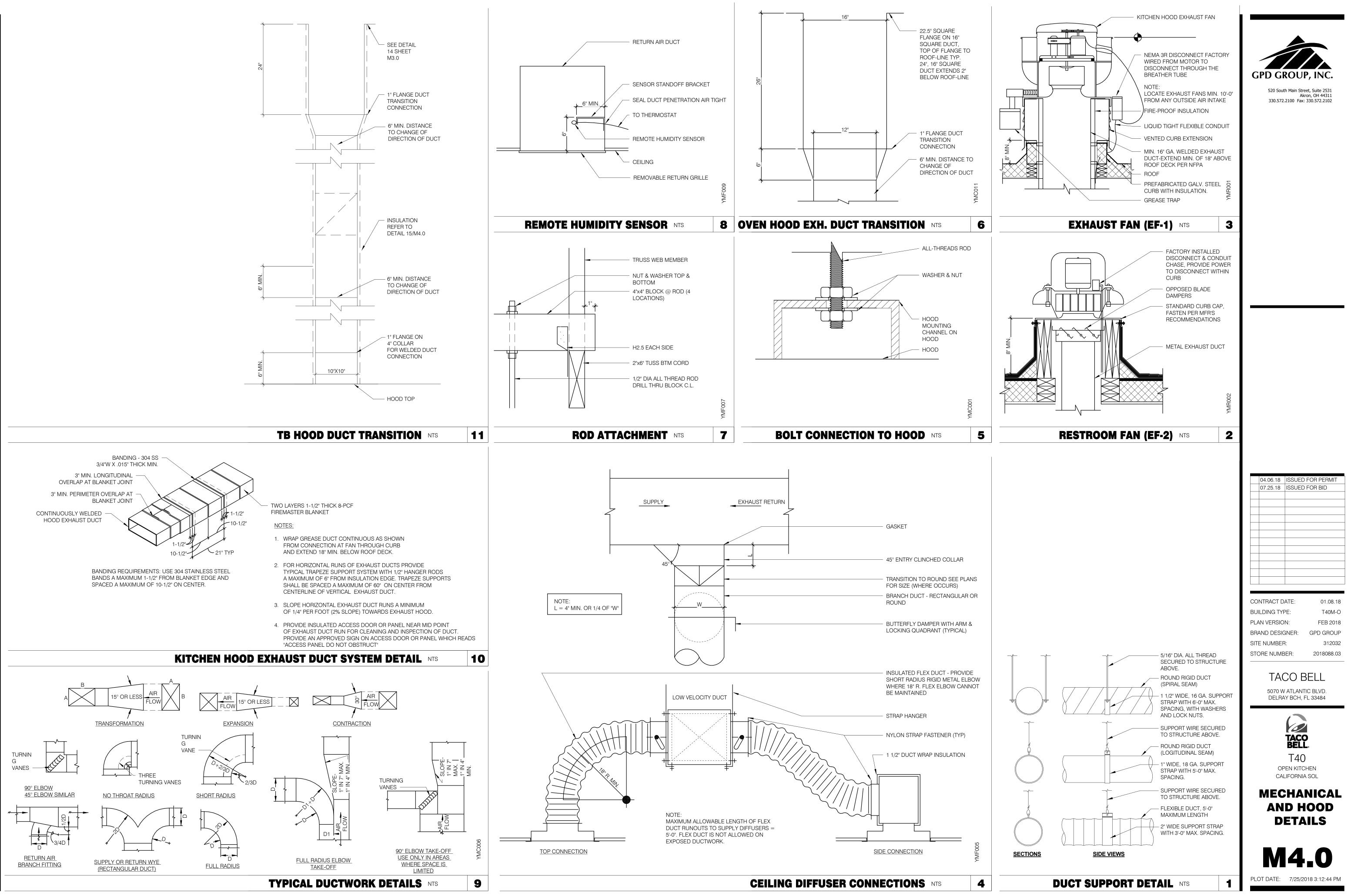


I 4U OPEN KITCHEN CALIFORNIA SOL









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

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

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

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

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

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

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

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

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

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

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

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

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

14. ALL GAS LINES SHALL BE SUPPORTED SEE SPECS.

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

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

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

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

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

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

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

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

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

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

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

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

GENERAL NOTES - PLUMBING NTS

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

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SYMBOLS	ABBREV.	DESCRIPTION	ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
	Y.B.	YARD BOX			WAUTE								JOSAM / MODEL: 56000
	R.D.	ROOF DRAIN	(ECO 1)	EXTERIOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z
	A.P.	ACCESS PANEL											ZURN / MODEL: Z-1400
	V.T.R.	VENT THRU ROOF										PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER	JOSAM / MODEL: JPFS4-PVC
	V.B.F.	VENT BELOW FLOOR	FS 1	FLOOR SINK	4"	2"				6		AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	ZURN / MODEL: FD-2370-PV4-DS-F
	U.T.R.	UP THRU ROOF											
	V.C.P.	VITRIFIED CLAY PIPE			_	_						CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS
	C.I.			FLOOR SINK	3"	2"				6			WADE / MODEL: 9144
	A.C.P.	ASBESTOS CEMENT PIPE										PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC	ZURN / MODEL: Z-1900-32 ZURN / MODEL: FD-2210
	(N)	NEW	(FD 1)	FLOOR DRAIN	3"	2"				2		DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	JOSAM / MODEL: 30003-A
	(N) (E)	EXISTING											WADE / MODEL:1103
	(E) F.D.	FLOOR DRAIN										CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED	JOSAM / MODEL: 88213
 ©	H.D.	HUB DRAIN	(HD 1)	HUB DRAIN	3"	2"				2		CLEANOUT PLUG.	WADE / MODEL: 2453EF
9													ZURN / MODEL: Z-1019
	OFD	OVERFLOW DRAIN	(FCO 1)	FLOOR								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z
\bowtie	F.S.	FLOOR SINK		CLEANOUT		-		_		-			ZURN / MODEL: Z-1400
	G.L.	GAS LINE		10/011								CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS	JOSAM / MODEL: 58510
	G.L. A.F.F.	ABOVE FINISHED FLOOR	WCO 1	WALL CLEANOUT								PLUG, WITH STAINLESS STEEL ACCESS COVER.	WADE / MODEL: 8560E
	A.F.F.												ZURN / MODEL: Z-1446-BP
X-X 0000							0/4				0.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	JOSAM / MODEL: 71000
< <u>xxx</u> >		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.		HOSE BIBB			3/4"				2.5/1		WADE / MODEL: 8600L ZURN / MODEL: Z-1300
	\land	SOIL OR WASTE (SANITARY)/WASTE STUB										WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE,	AM. STD. "CADET" / MODEL: 2467.100
	\sim	SOIL OR WASTE (GREASE WASTE)/WASTE STUB										ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER,	KOHLER "HIGHLINE" / MODEL: K-3519
	¥ G	GAS / GAS STUB	WC 1	WATER CLOSET	7 4"	2"	1/2"			л	2	OLSENITE #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	CRANE "ECONMISER" / MODEL: 31888
	cw	COLD WATER/ CW STUB		GRE	EN 4	2	1/2			4	2	WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS	
	HW	HOT WATER / HW STUB											
	H.W.R.	HOT WATER RETURN										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	A.S. COMRADE/ MODEL: 0124.131
	П.¥¥.К. V	SANITARY VENT	$\left \left(L \right 1 \right)$		1-1/4"	1-1/2"	1/2"		1/2"	1	1.5	OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT.	CRANE "HARWICH" / MODEL: 1412V
	V											SEE 5/P6.0 FOR LAV SUPPORT DETAIL, .5 GPM AERATOR	
SD	S.D.	STORM DRAIN		HAND SINK		1 1 /0"	1/0"		1/0"			S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/FOOT VALVE. BRAIDED WATER LINES, 0.5 GPM AERATOR.	
	C.D.	CONDENSATE DRAIN	$\left \begin{array}{c} S \\ \end{array} \right $		EN 1-1/2"	1-1/2"	1/2"		1/2"	2	1.5		
Φ	F.C.O.	FLOOR CLEANOUT OR CLEANOUT										MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER,	
			S 2	MOP SINK	3"	2"	1/2"	1/2"		3	2.25	INSTALLED BY G.C. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY G.C.	
	W.C.O.												
——FW ——	FW			3-COMP.								SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	
тw	TW		S 3	SINK	INDIRECT		1/2"	1/2"			3		
+	H.B.											SINK. FAUCET AND DRAIN	
	S.O.V.	SHUT-OFF GATE VALVE	$\left(\begin{array}{c} S \\ 4 \end{array}\right)$	PREP SINK	INDIRECT		1/2"	1/2"			3		
₹	S.O.C.	SHUT-OFF GAS COCK											
	C.V.			005105								PRECAST 1,500 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR	JENSEN / JP1000G
	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE	GI 1	GREASE INTERCEPTOR	4"							EXTERIOR GREASE INTERCEPTOR LOCATION.	
[B.V.	BALL VALVE											 POWERS SERIES LFLM495
	C.W.	COLD WATER BELOW GRADE		MIXING			1/2"	1/2"				THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	LAWLER SERIES 310
\bigcirc	E.C.O.	EXTERIOR CLEAN OUT		VALVE			1/2	· / <i>L</i>			Â		LEONARD SERIES 170
	BFP	BACK FLOW PREVENTER									$\left \right\rangle$	GAS FIRED WATER HEATER, 96.0% THERMAL EFF., 199,000 BTUH INPUT, TANKLESS, 233 GPH @ 100 DEG. RISE	LOCHINVAR WAN-200
	FU	FIXTURE UNIT		WATER HEATER			1-1/4"	1-1/4"				REC. RATE, 3" PVC FLUE & INTAKE, ASME RTD TEMP. & PRESS. REL. VALVE, ELECTRONIC	
												IGNITION SYSTEM AND ELECTRONIC CONTROLS. PROVIDE WITH LOCHINVAR MODEL RJS120M STORAGE TANK.	
				EXPANSION			0/4					EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA
			ET 1	TANK			3/4"						AMTROL SERIES ST WILKINS SERIES WXTP
												REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH	WILKING SERIES WATE WATTS / MODEL: LF009M2QTS
			(BFP 1)	BACKFLOW PREVENTOR			VERIFY				1	QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WILKINS / MODEL: 975XLS
													FEBCO / MODEL: 860
												REVERSE OSMOSIS FILTER SYSTEM	
		PLUMBING LEGEND NTS 4	RO 1	REVERSE OSMOSIS	INDIRECT		1/2"					BY OWNER SEE TO DETAIL 9/P6.0	

	NO.	DR	AIN	COLD	WATER	HOT WATER			
FIXTURE		D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAI H.W.		
WATER CLOSET	2	4	8	2	4				
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			2.5:1/1	3.5				
FLOOR DRAIN	8	2	16						
HUB DRAIN	2	2	4						
FLOOR SINK	4	6	24						
MOP SINK	1	3	3	2.25	2.25	2.25	2.25		
RETHERMALIZER *	1					1.0	1.0		
TOTAL			61		20.75		14.27		
REQUIREMENTS: DRAIN: SAN 2	89 DFU 22 DFU			US	SE 1-1/2" SE 4" SAI SE 4" SAI SE 1-1/4"	NITARY NITARY	(MIN) (MIN)		
	*F	IXTURE	HAS INE	HOT WATER: 14.25 FU = 17 GPM USE 1-1/4" HW SERVICE ASED ON FLORIDA BUILDING CODE SIXTH *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK DITION (2017) PLUMBING					

6

3

DIMENSIONS OF ONE (1) COMPARTMENT OF THE 3-COMPARTMENT SINK DIMENSIONS OF ONE (1) COMPARTMENT

7 FLOOR DRAINS

FLOOR DRAIN TOTAL CUBIC IN FOR

(DIVIDE BY 231)

REQUIREMENTS.



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A	06.06.18	CLIENT REVISIONS				
	04.06.18	ISSUED FOR PERMIT				
	07.25.18	ISSUED FOR BID				
<u> </u>						

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03

TACO BELL

5070 W ATLANTIC BLVD. DELRAY BCH, FL 33484





PLUMBING SCHEDULES AND NOTES



OF THE 3-COMPARTMENT SINK DIMENSIONS OF ONE (1) COMPARTMENT OF THE 3-COMPARTMENT SINK 28" x 12" x 14" DIMENSIONS OF 1-COMPARTMENT SINK 28" x 12" x 14" TOTAL CAPACITY OF 3-COMPARTMENT AND 1-COMPARTMENT SINKS 46,011 CUBIC INCHES CAPACITY IN GALLONS 200 GAL ACTUAL DRAINAGE LOAD 150 GAL (75% OF TOTAL CAPACITY) FLOW RATE FOR 2 MINUTE 75 GPM (2 LB. RETENTION = 1 GPM/FLOW) 150 LBS. GREASE TRAP REQUIREMENTS NEED TO BE VERIFIED WITH LOCAL PERMIT AUTHORITY

147

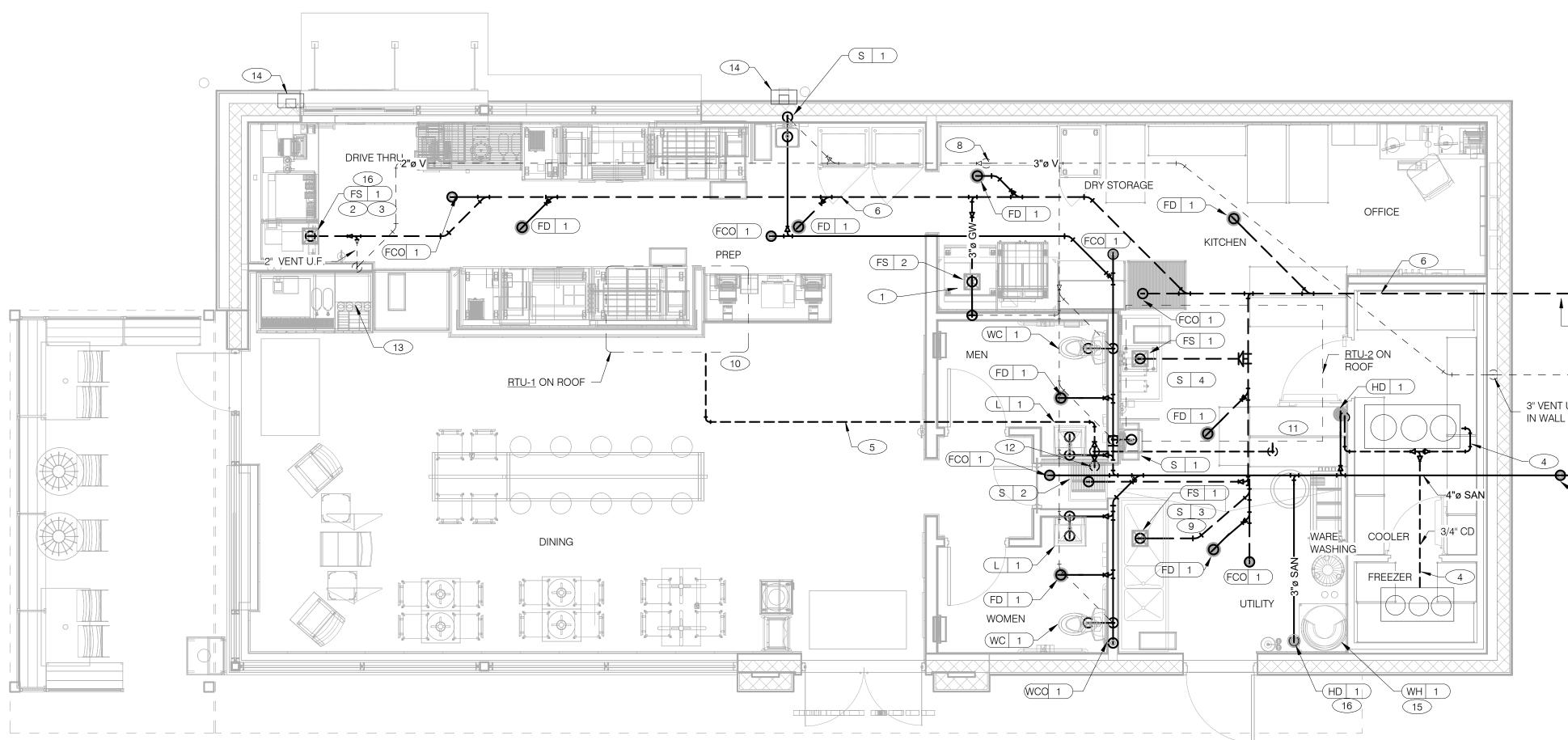
28" x 30" x 14"

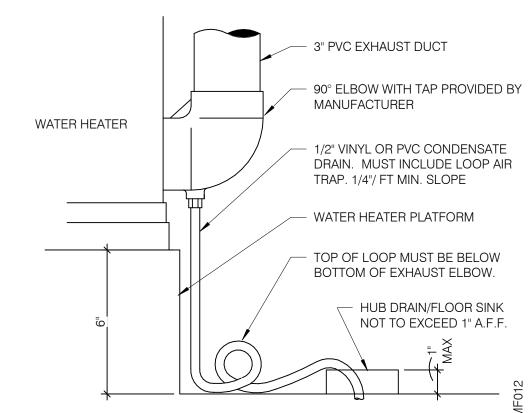
28" x 42" x 21"

PLUMBING FIXTURE SCHEDULE NTS

GREASE TRAP SIZING NTS

1



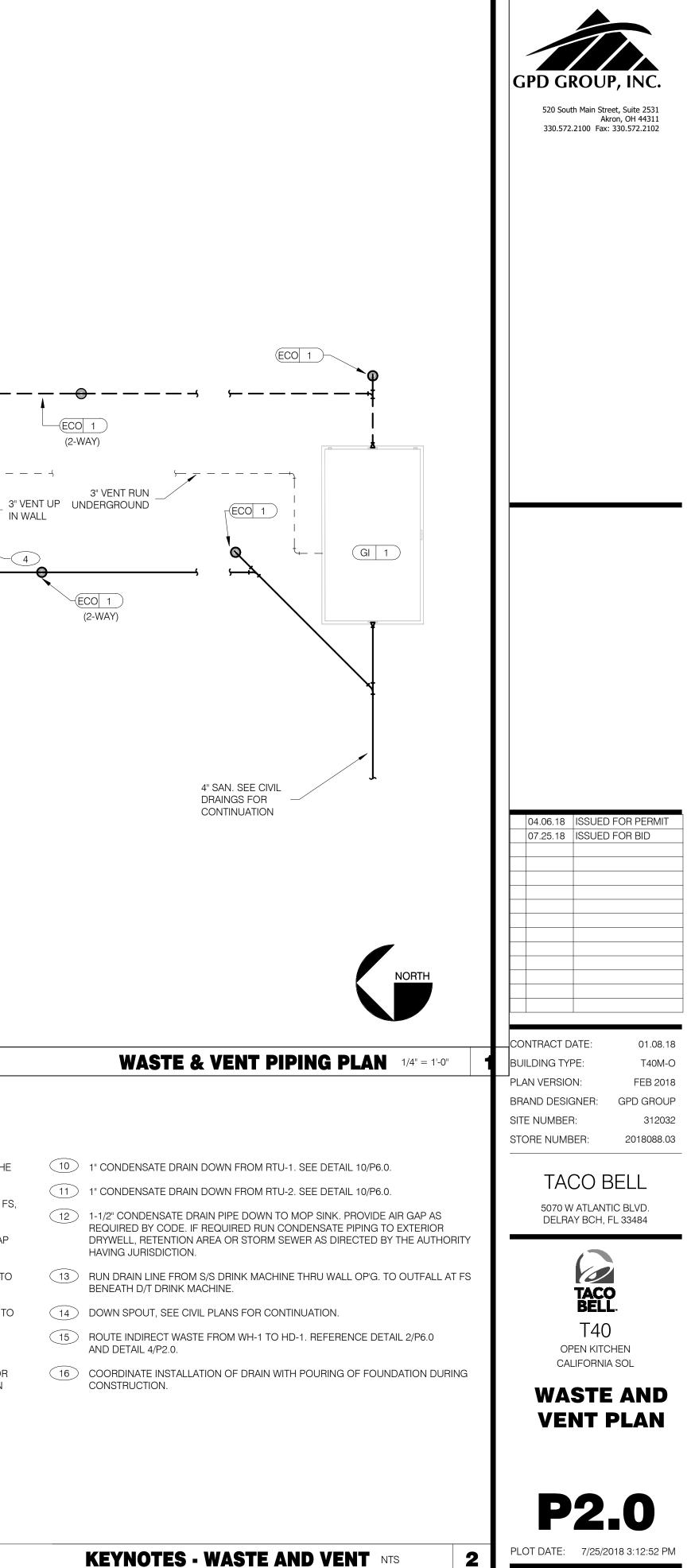




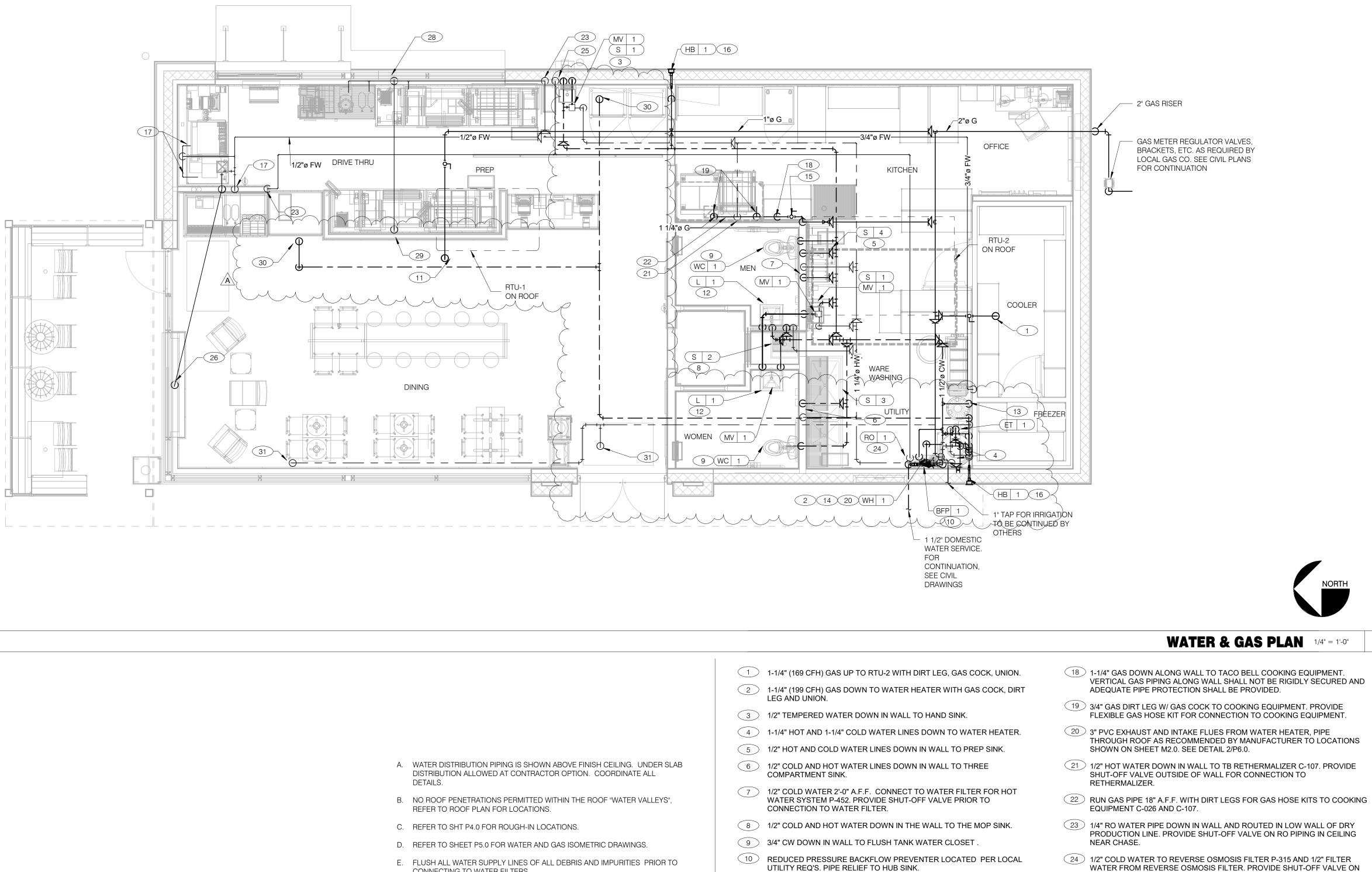
- B. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.
- C. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS
- D. VERIFY WITH THE LOCAL BUILDING AUTHORITY THAT CONDENSATE DRAINAGE CAN BE ROUTED TO THE MOP SINK.
- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 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. SEE 11/A6.4
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE. SEE 11/A6.4
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO HUB DRAIN (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE).
- 5 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF, RUN TO MOP SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTBOUND FROM INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 7 NOT USED.
- 8 4" VENT UP THROUGH ROOF.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

4

3



KEYNOTES - WASTE AND VENT NTS



- CONNECTING TO WATER FILTERS.
- F. PROVIDE REDUCED PRESSURE BACKFLOW TO SERVE CARBONATOR, DRAIN RELIEF TO FLOOR SINK WITH AIR GAP

- UTILITY REQ'S. PIPE RELIEF TO HUB SINK.
- (11) 1" (130 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK, UNION.
- (12) 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- (13) 3/4" CW DOWN ALONG WALL TO WATER FILTER S-286.
- (14) 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 AND FILTERED WATER LINES TO BEVERAGE DISPENSERS S-284 AND S-285, AND FILTERED WATER LINES TO FROZEN BEVERAGE DISPENSER S-739. SEE DRAWINGS A2.0, P5.0, P6.0 AND 1/A6.6.

3



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А	06.06.18	CLIENT REVISIONS
	04.06.18	ISSUED FOR PERMIT
	07.25.18	ISSUED FOR BID
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СС	NTRACT D	DATE: 01.08.18
BU	ILDING TY	PE: T40M-O
PL/	AN VERSIC	N: FEB 2018

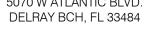
NORTH

1

2

BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03







OPEN KITCHEN CALIFORNIA SOL





KEYNOTES - WATER AND GAS NTS

CONTINUATION. SEE DETAIL 1 ON P6.1 FOR MORE INFORMATION.

(25) 1/2" FW WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY

(26) 1/2" FW UP FROM BELOW SLAB TO FIREPLACE. PROVIDE SHUT OFF VALVE.

(29) 1/2" FW UP FROM BELOW SLAB TO CHEESEMELTER. PROVIDE SHUT OFF

VALVE,

30 SOLAR PANEL SUPPY UP THRU ROOF SEE SHEET M2.1 FOR CONTINUATION.

PRODUCTION LINE TO BREWERS S-546 AND S-547. PROVIDE SHUT-OFF

CW PIPE PRIOR TO CONNECTION TO FILTER.

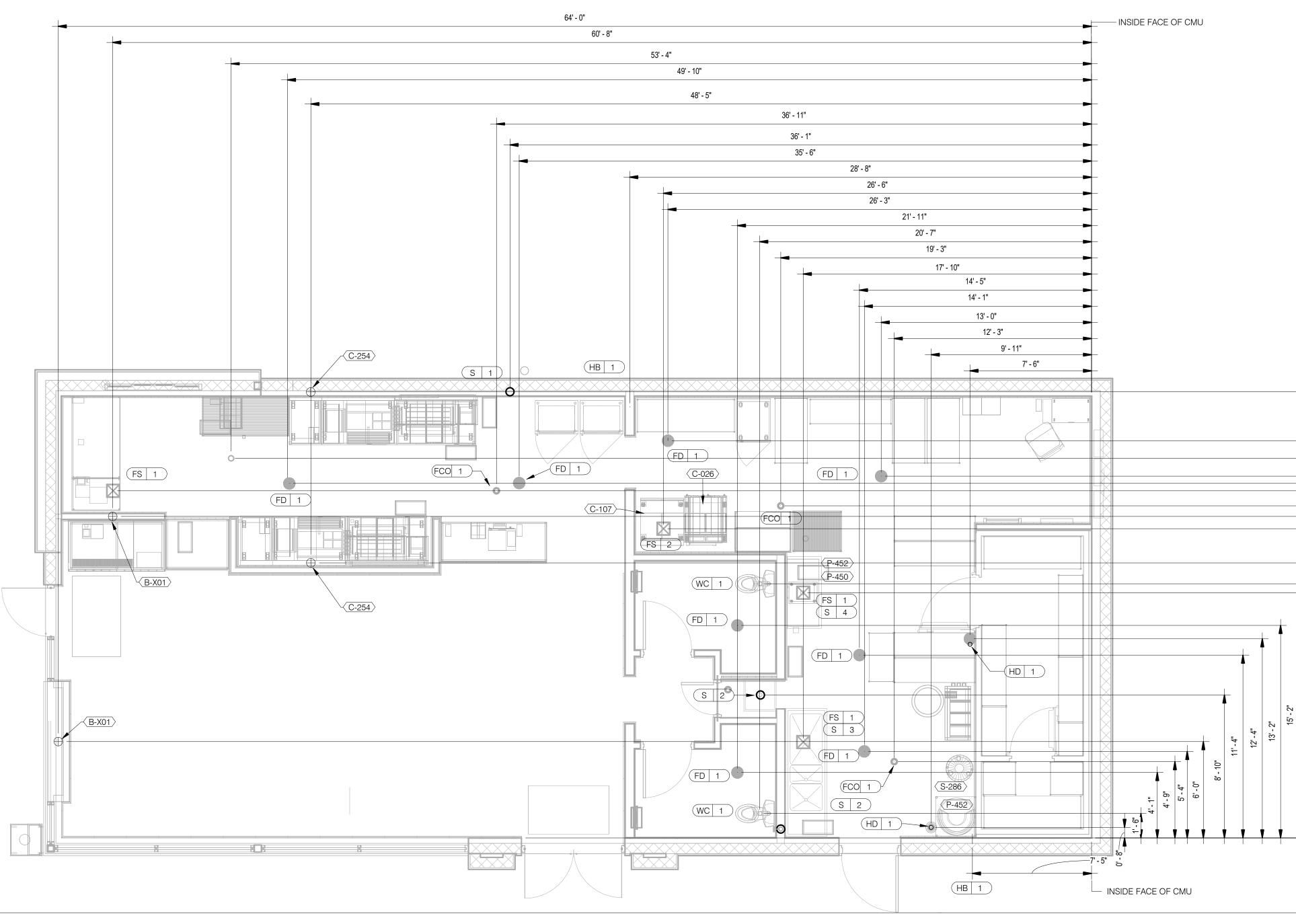
VALVE ON FW PIPING IN CEILING NEAR CHASE.

SEE DETAIL 1 ON P6.1 FOR MORE INFORMATION.

(31) SOLAR PANEL RETURN UP THRU ROOF SEE SHEET M2.1 FOR

27 ROUTE 1/2" FW DOWN IN WALL BELOW SLAB FOR FIREPLACE.

(28) ROUTE 1/2" FW DOWN IN WALL BELOW SLAB FOR CHEESEMELTER.



EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK				S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F	
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F	
(HD 1)	HUB DRAIN				S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F	
WH 1	WATER HEATER	CW			WCO 1	WALL CLEAN OUT			
WH 1	WATER HEATER	G	+15" A.F.F.		FCO 1	FLOOR CLEAN OUT			
WC 1	WATER CLOSET FLUSH VALVE	CW	+29" A.F.F	BOTH HANDICAP AND REGULAR	(HB 1)	HOSE BIB			
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED					
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	(B-X01)	FIRE PLCE	HW	+12" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.		<u>⟨C-107</u> ⟩	RETHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.		<u>⟨C-107</u> ⟩	RETHERMALIZER	G	+12" A.F.F.	
(RO 1)	REVERSE OSMOSIS	CW	+84" A.F.F		<u>(C-026</u>)	DUAL VAT FRYER	G	+12" A.F.F.	
S 1	HAND SINK	TW	+18" A.F.F	RIM OF LAV @ +2'-8" A.F.F.	⟨C-254⟩	CHEESEMELTER	FW	+12" A.F.F.	
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F		S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F		(P-452)	HOT WATER SYSTEM	CW	+24" A.F.F.	

- HOT WATER
- COLD WATER
- ⊗ TEMPERED WATER
- G GAS

FLOOR DRAIN

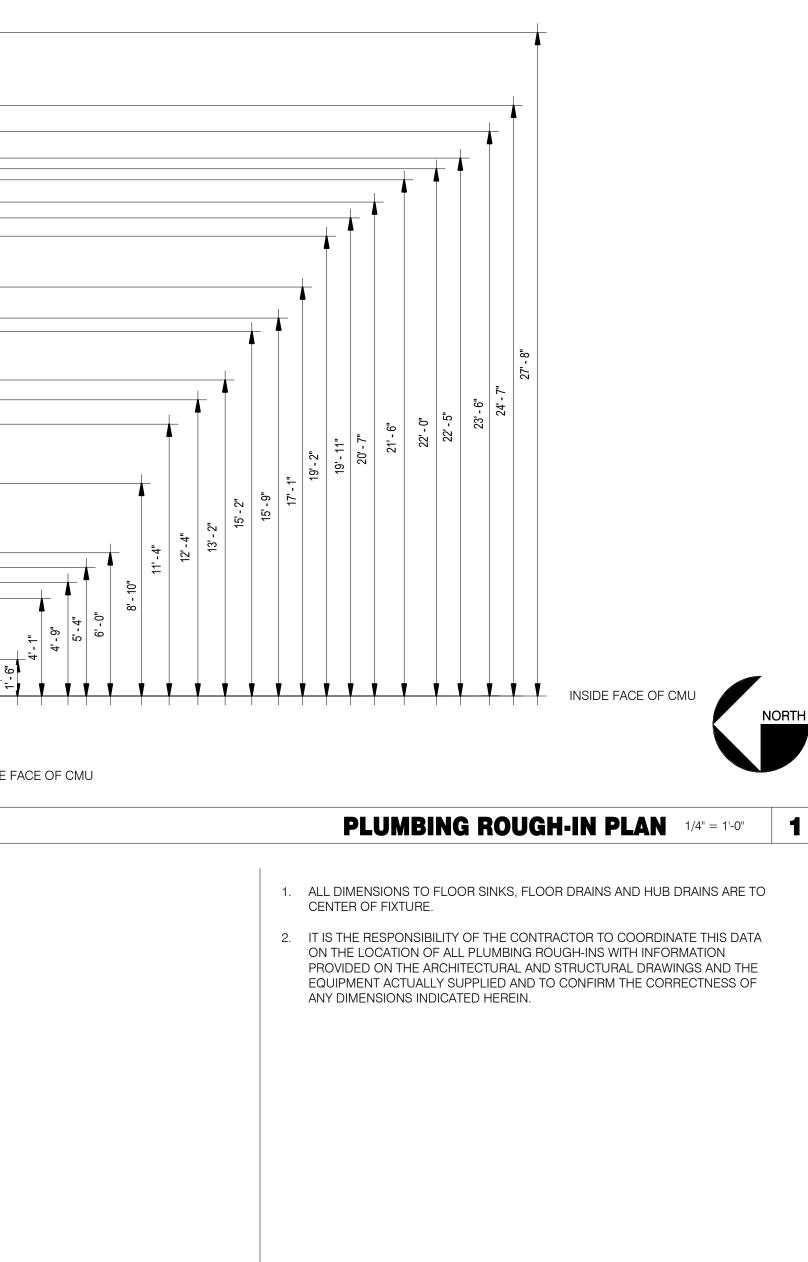
- FLOOR SINK
- HUB DRAIN
- WASTE OUTLET
- Φ FLOOR CLEANOUT
- ⊖ WALL CLEANOUT
- O FILTERED WATER

4

- ♦ VENT UP FROM UNDER SLAB
- WATER LINE THRU FLOOR



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04.06.18	ISSUED FOR PERMIT
07.25.18	ISSUED FOR BID

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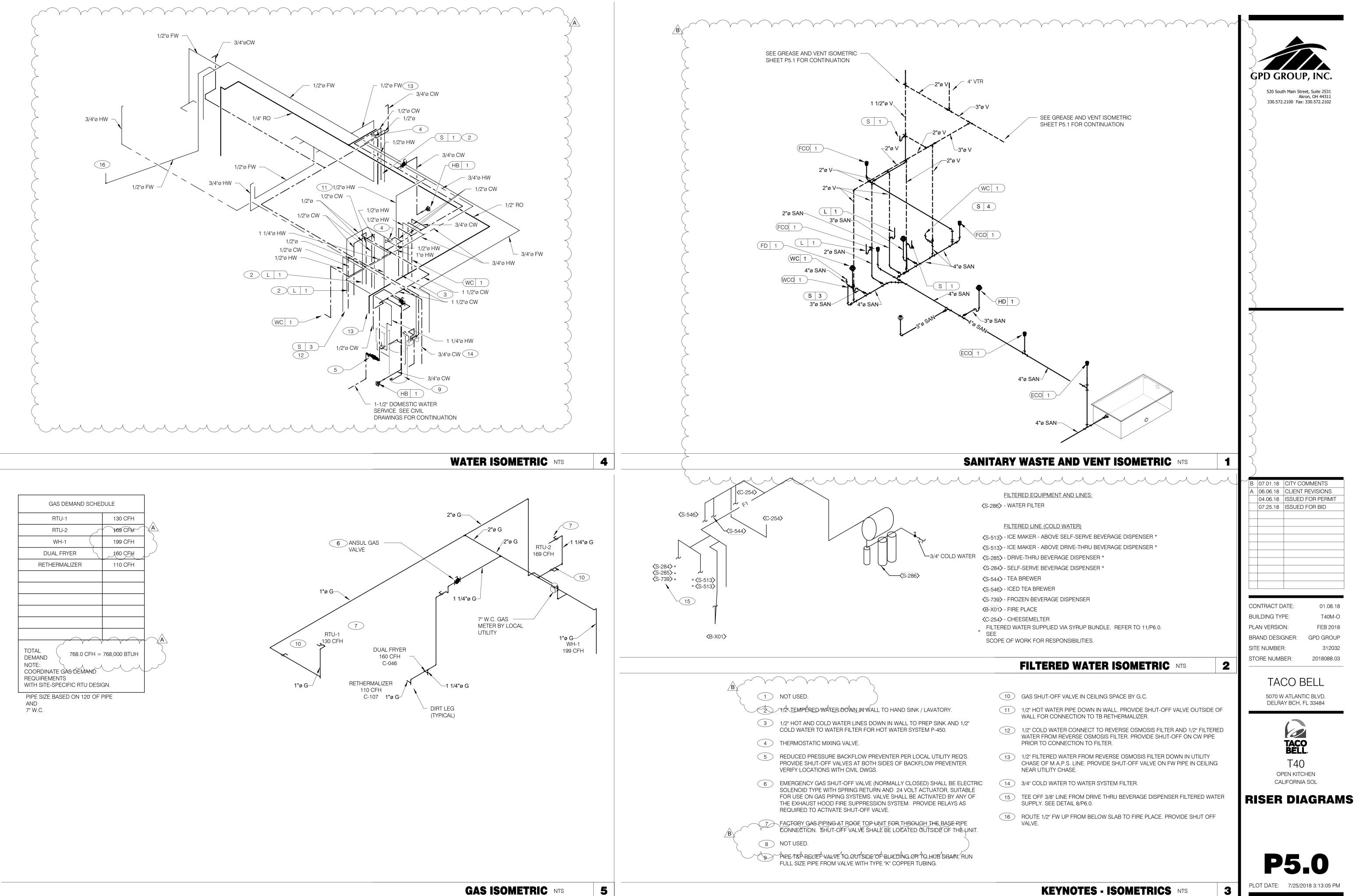
PLUMBING **ROUGH-IN PLAN**

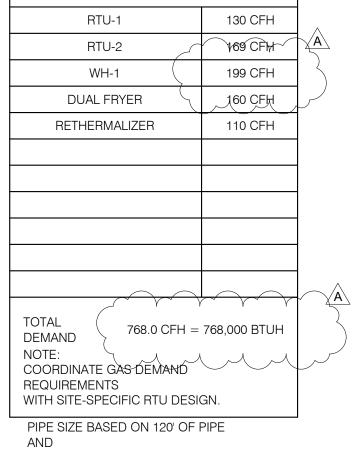


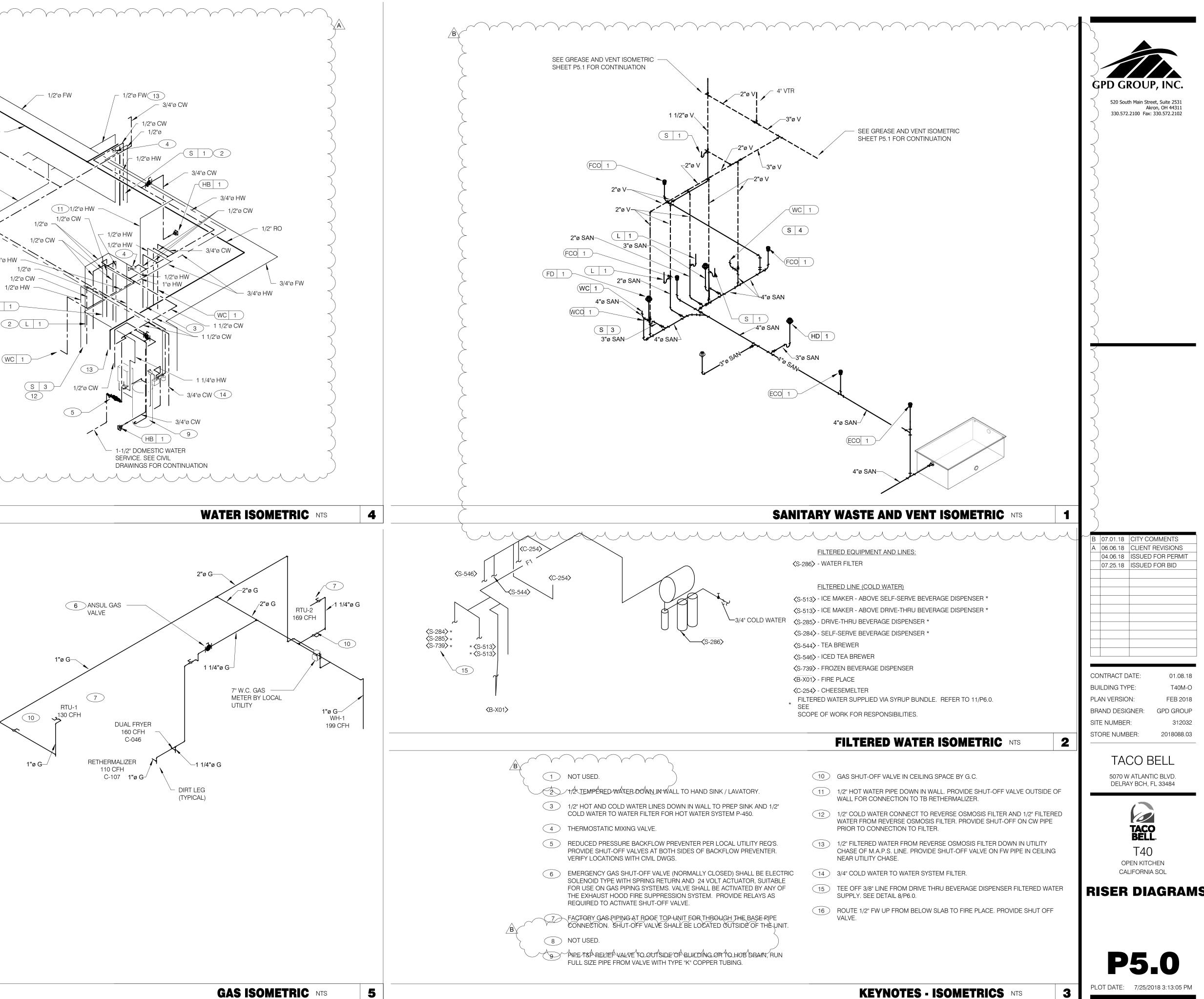
PLUMBING ROUGH-IN NOTES NTS

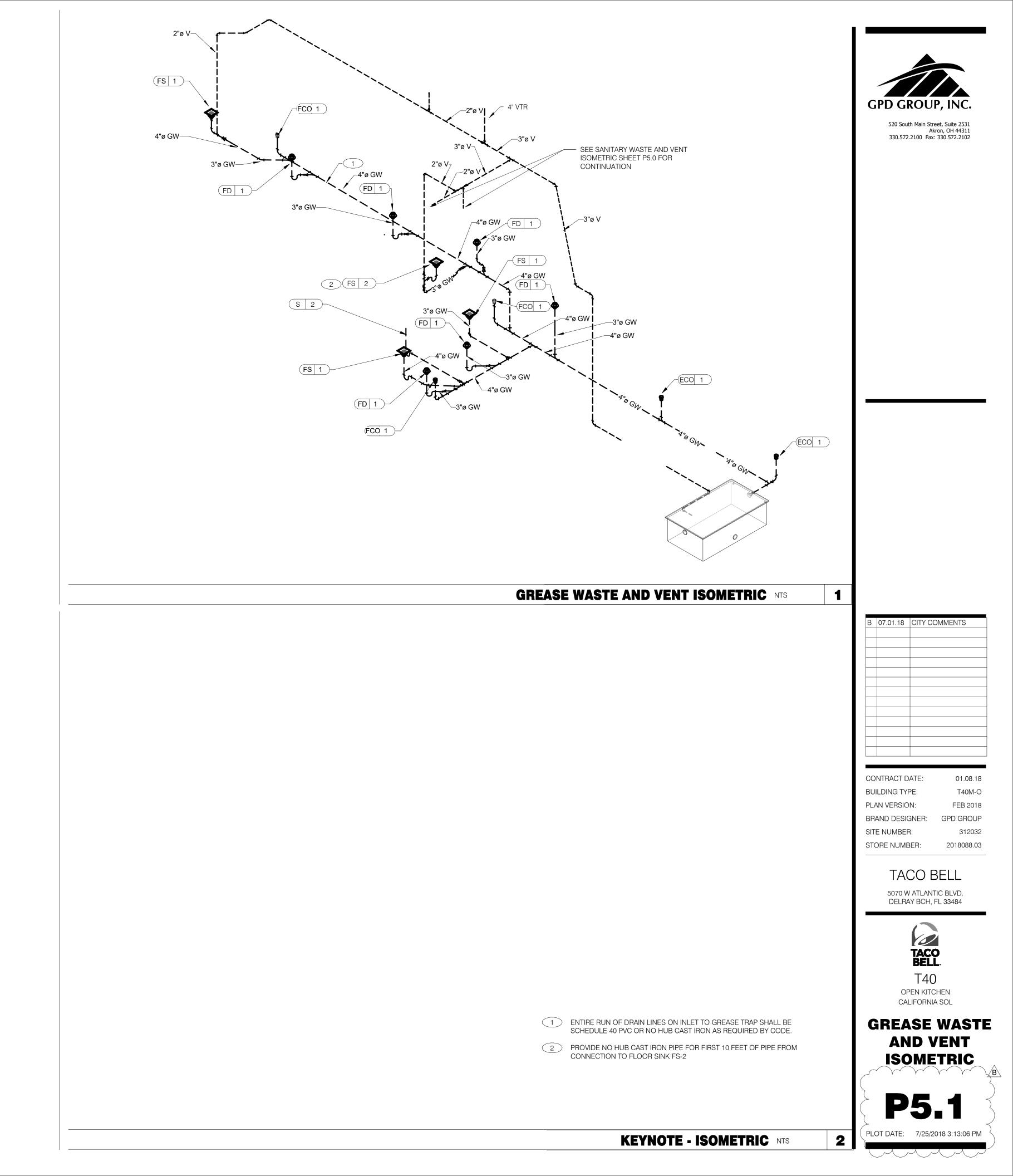
2

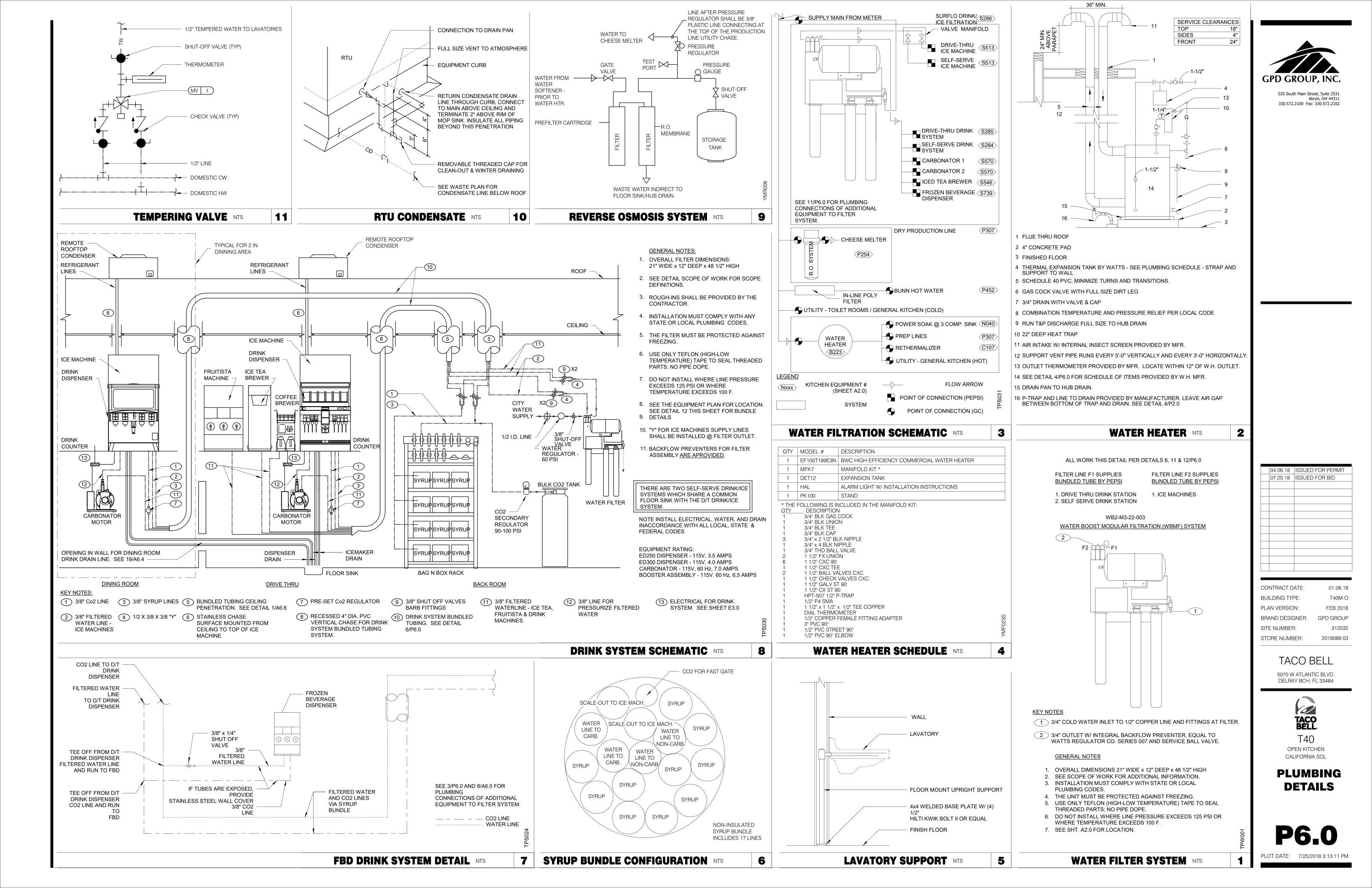
NORTH

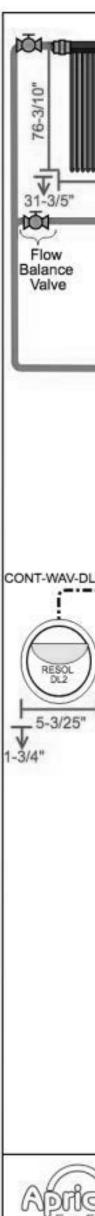


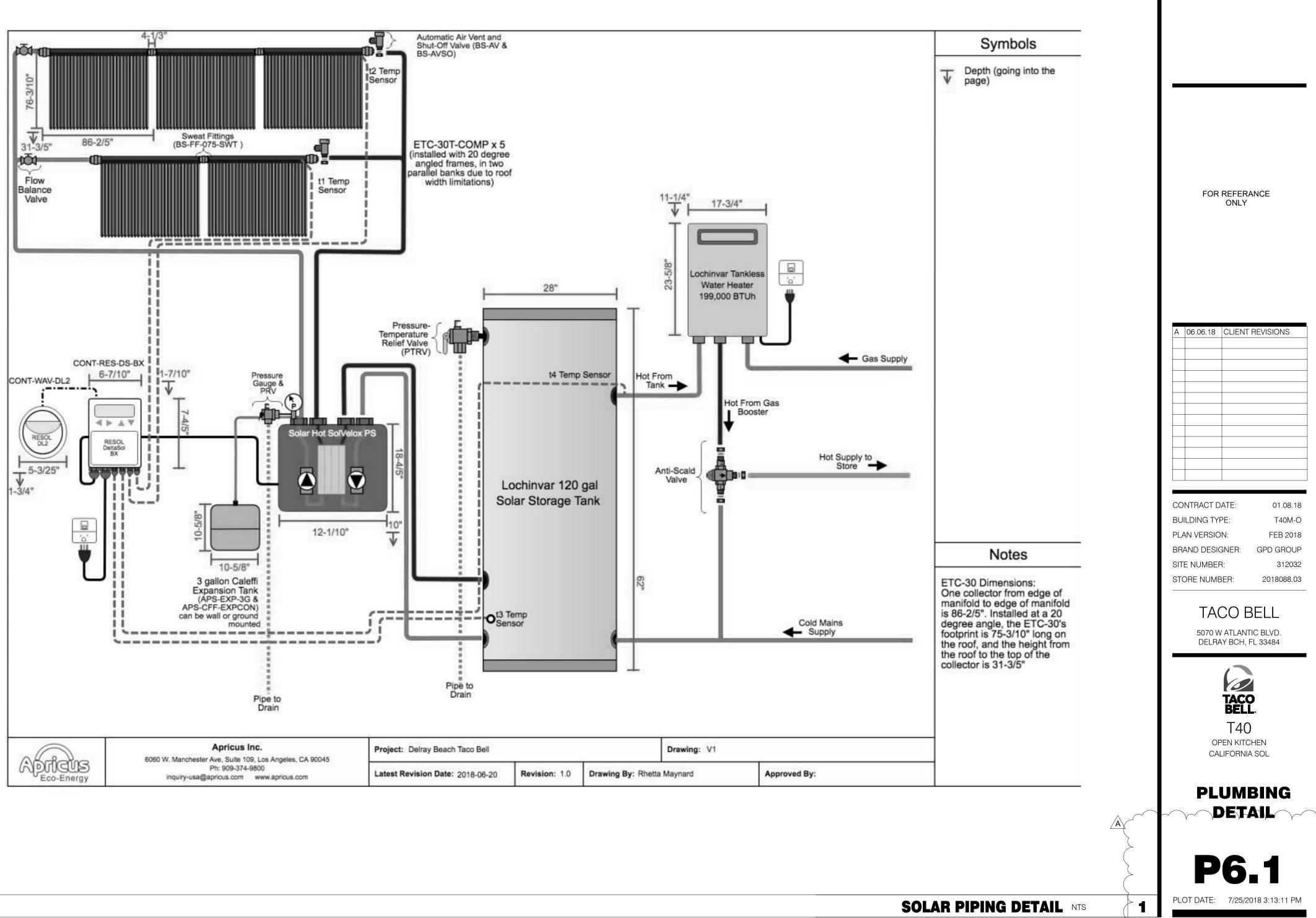


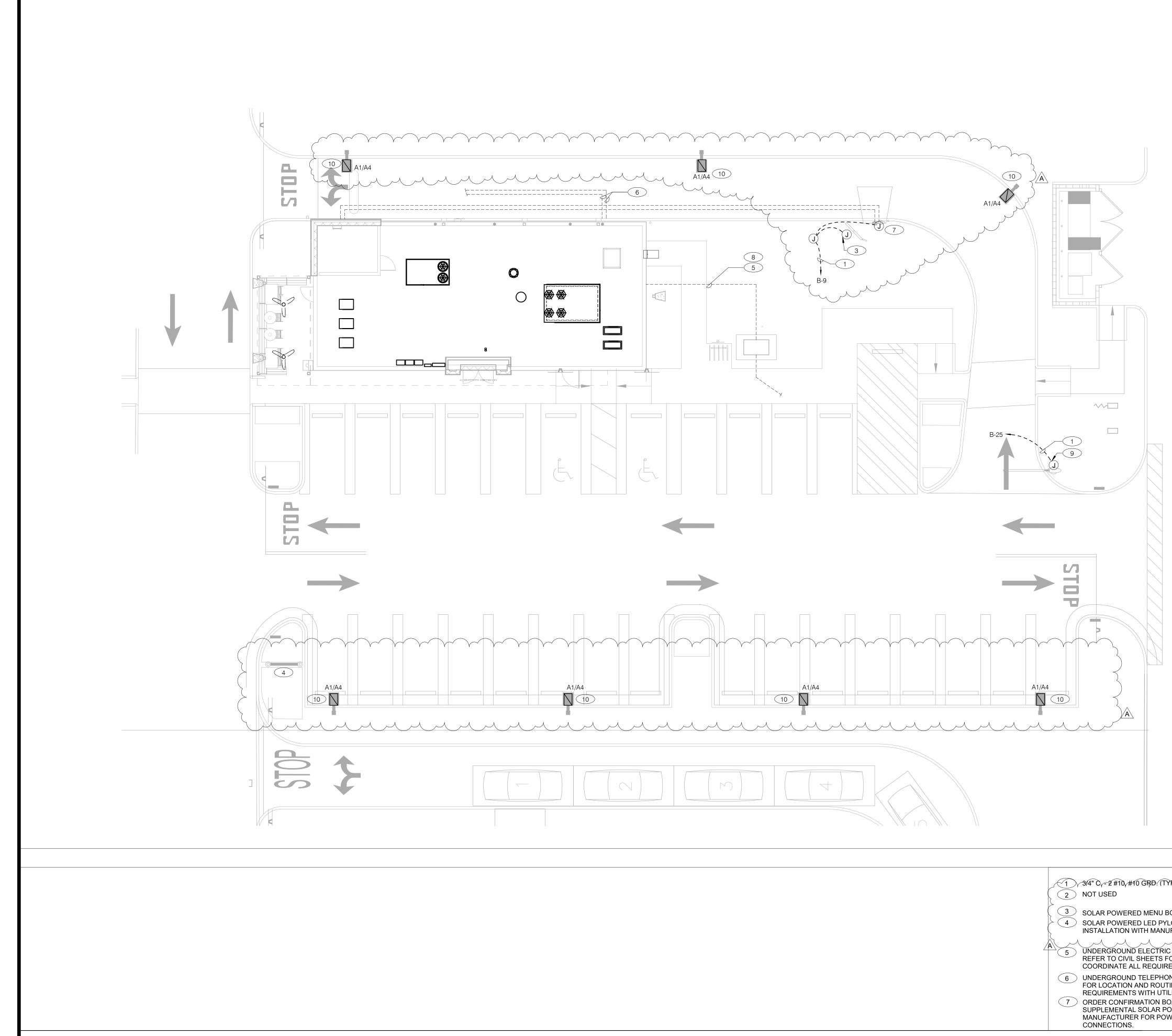






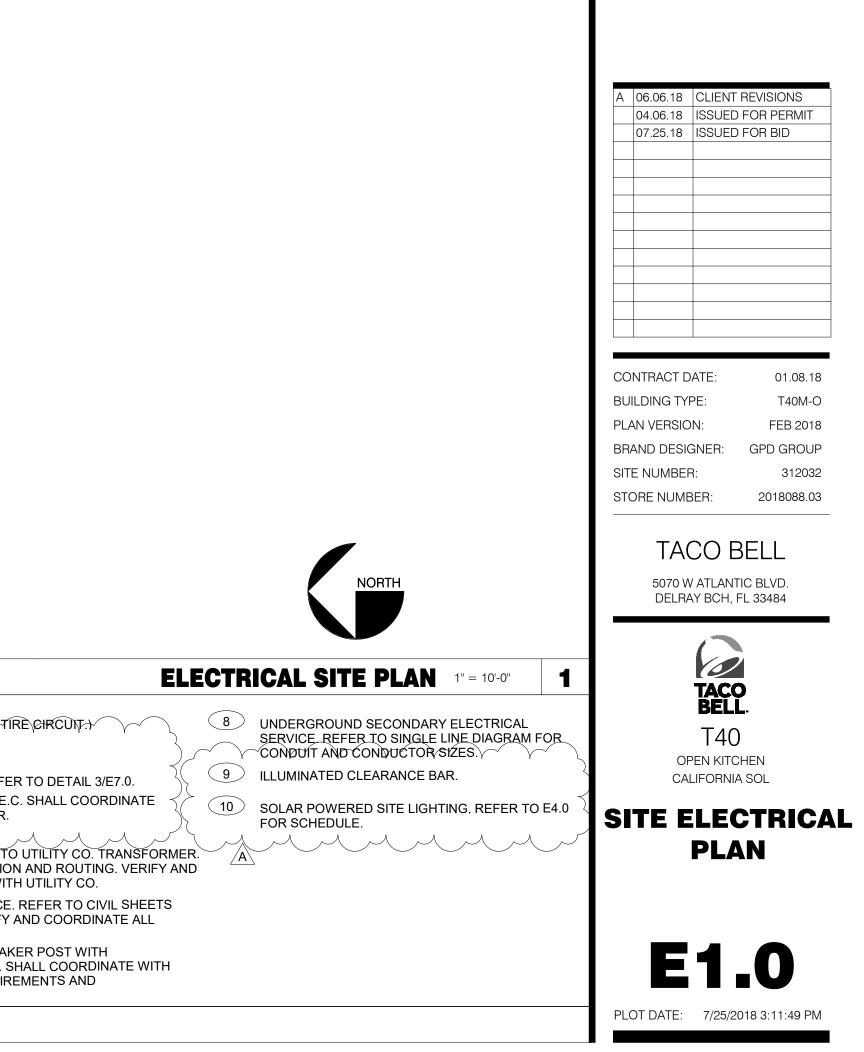






2	-3/4" Cγ2 #10γ #10 GRD: (TYR: FOR ENTIRE\CHRCUIT.) NOT USED
3	SOLAR POWERED MENU BOARD. REFER TO DETAIL SOLAR POWERED LED PYLON SIGN. E.C. SHALL COO INSTALLATION WITH MANUFACTURER.
5	UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. REFER TO CIVIL SHEETS FOR LOCATION AND ROUT COORDINATE ALL REQUIREMENTS WITH UTILITY CO
6	UNDERGROUND TELEPHONE SERVICE. REFER TO C FOR LOCATION AND ROUTING. VERIFY AND COORD REQUIREMENTS WITH UTILITY CO.
7	ORDER CONFIRMATION BOARD/ SPEAKER POST WI SUPPLEMENTAL SOLAR POWER. E.C. SHALL COORE MANUFACTURER FOR POWER REQUIREMENTS AND CONNECTIONS.
	CONNECTIONS.
	2 3 4 5





-	NATIONAL ACCOUN SUPPLY and INSTALL CORPORATE AND FRA	STANDARD PACKAG	GE		
-	YUM NATIONAL ACCOUNT AGREEMENT IS WIT EQUIPMENT FOR COMPANY AND FRANCHISE SWITCHGEAR EQUIPMENT IS AN APPROVED A DEVELOPMENT ONLY.	DEVELOPMENT. CUTL	ER-HAMMER ELECTRICAL		
	UNDER THIS AGREEMENT, THE CONTRACTOR OF THE SYSTEMS DESCRIBED IN THE PLANS. CONTACT ACCUSERVE FOR A PRICE QUOTE A SPECIFIC PROJECT. SEE THE SWITCHGEAR SI	ALL COMPANY AND I AND A BILL OF MATERI	FRANCHISE PROJECTS SHALL AL CONFIRMATION FOR THEIR		
	INFORMATION. PRIMARY CONTACT: BUDDY BOCKWEG				
	PHONE: (877) 707-7378 FAX: (502) 961-0357 EMAIL: HYPERLINK "mailto:buddy@accuserv.co	m" <u>buddy@accuserv.c</u>	om		
	THE SWITCHGEAR PACKAGE CONSISTS OF SE PANELS, SUB PANELS, LIGHTING CONTACTOF				
	COMPLIMENT THE SWITCHGEAR PACKAGE. BE PREPARED AT TIME OF ORDER OR QUOTE				
	REGARDING SPECIFICATIONS AND QUANTITIE PROTOTYPICAL DESIGN.	S AS SITE SPECIFIC D	ESIGN MAY NOT MATCH		
	NOTE: THE SITE-ADAPT CONSULTANT IS RESP SWITCHGEAR PACKAGE FALLS WITHIN A JURIS METERING EQUIPMENT.				
					(
	2X4 FLUORESCENT FIXTURE	NL	NIGHTLIGHT		FU
	ZATIEGONEGOENTHIATONE	(S)	CEILING MOUNTED SPEAKER		WI FU
	2X4 FLUORESCENT FIXTURE WITH BATTERY PACK	(S)	WALL MOUNTED SPEAKER		
		(L)	JUNCTION BOX		NC
	1X4 FLUORESCENT FIXTURE	-(J)-	WALL MOUNTED JUNCTION BOX	PC	PH
		<	TELEPHONE OUTLET	RS	RA
	1X4 FLUORESCENT FIXTURE WITH BATTERY PACK	\ominus			FL
	DOWNLIGHT FIXTURE	\oplus	DUPLEX GROUNDED OUTLET DOUBLE DUPLEX GROUNDED OUTLET	$A \rightarrow$	ΕN
	SUSPENDED DOWNLIGHT FIXTURE	\Rightarrow	GROUND FAULT DUPLEX OUTLET		SIN
	PENDANT MOUNTED LIGHT FIXTURE	÷	GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED	SOS	TO
		\ominus	GROUND FAULT DEDICATED OUTLET	Śp	SIN TO
	TRACK MOUNTED PENDANT LIGHT FIXTURE	⊜		SOS	WA
	DIRECTIONAL FIXTURE, TRACK MOUNTED	•	DUPLEX ISOLATED GROUND OUTLET DOUBLE DUPLEX ISOLATED GROUND OUTLET	R	SE RE
	DIRECTIONAL FIXTURE, TRACK	\oplus	DEDICATED ISOLATED GROUND		
	MOUNTED TO UNDERSIDE OF INTERIOR CANOPY		SPECIAL PURPOSE OUTLET		CC
		~		7 \	~ ·
	COOLER FIXTURE		CEILING SPECIAL PURPOSE OUTLET ELECTRICAL PANEL. SEE SHEET E2.1	\odot	SM
	COOLER FIXTURE EXIT SIGN (WALL MOUNTED)		CEILING SPECIAL PURPOSE OUTLET ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHED. HOLD UP EMERGENCY BUTTON	() 	SM EX

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SD

С

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EXIT SIGN (CEILING MOUNTED)

SECURITY STROBE

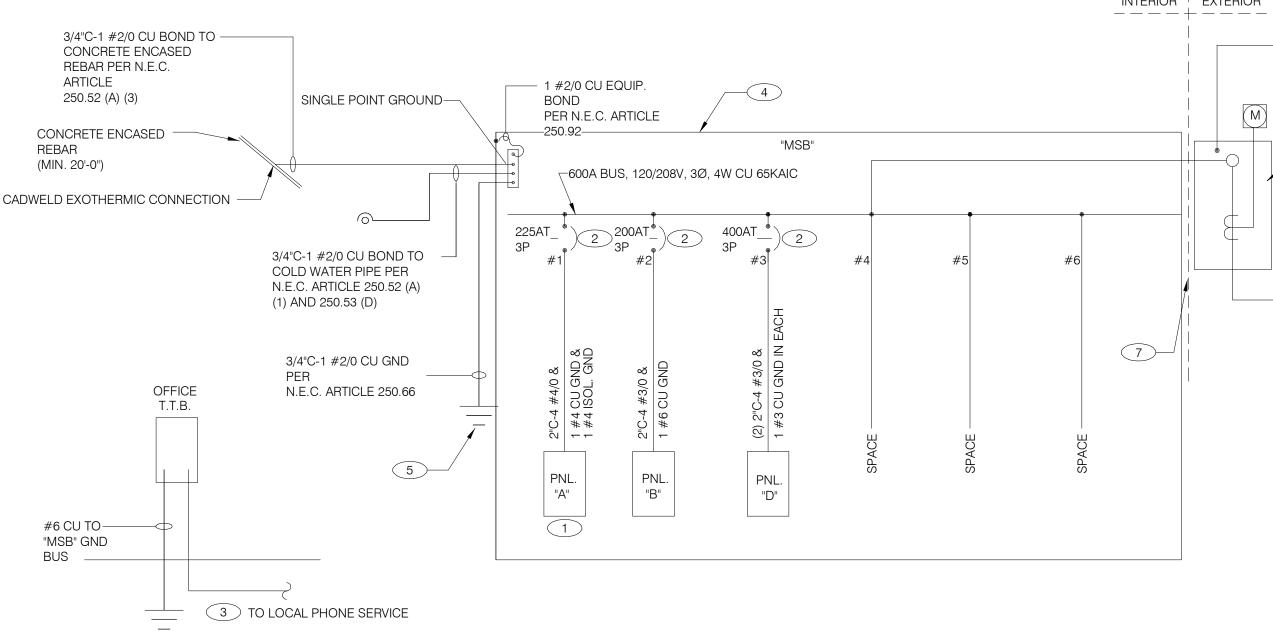
ELECTRICAL MOTOR

DUCT MOUNTED SMOKE DETECTOR

CONNECTION TO EQUIPMENT

ELECTRICAL LEGEND1

WPG

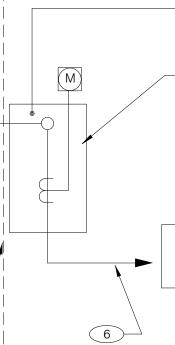


L	LEGEND1 NTS D		ONE LINE DIAGRAM GENERAL NOTES1 NTS	C		
	WEATHERPROOF GROUND FAULT					
	EXTERIOR DECORATIVE WALL FIXTURE					
	EXTERIOR DECORATIVE WALL FIXTURE					
	EXTERIOR WALL FIXTURE					
	SMOKE DETECTOR		GREEN CU CODE SIZED GROUND CONDUCTOR. CABLE MUST BE ALLOWED BY LOCAL JURISDICTION.			
	CONDUIT RUN, UNDERGROUND	7.	ARMOR CABLE ACCEPTABLE FOR THE LAST 6'-0" FROM A JUNCTION BOX TO LIGHT FIXTURES. ARMOR CABLE IS NOT ALLOWED FOR NON-ACCESSIBLE FLOORS, WALLS AND CEILINGS. CABLES SHLL CONTAI	N		RT OF CONSTR
	WALL MOUNTED OCCUPANCY SENSOR RELAY	6.	ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM. CONTRACTOR SHALL RESIZE CONDUCTORS/CONDUITS PER NEC.		ALUI	
	SINGLE POLE, SINGLE THROW TOGGLE SWITCH SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT	5.	COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.		6 PRO COM	/8" DIA. x 10'-0" (TEM PER N.E.C VIDE UNDERGF IPANY SPECIFI(ELECT. CONTRA
			CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.		RAT BID/I	IFY AVAILABLE ING AS INDICAT PRICING TO UP
	FLUORESCENT WALL MOUNT FIXTURE	4.	IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE		3 PRO	VIDE 2" CONDU
	RAIN SENSOR	3.	SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT		"M# "M#	AIN 5 OF 6 AIN 4 OF 6" AIN 5 OF 6" AIN 6 OF 6"
	PHOTOCELL	2.	THE NFPA-70 'SIX SWITCH' MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.		"MA	AIN 1 OF 6" (ENC AIN 2 OF 6" AIN 3 OF 6"
	NON-FUSIBLE DISCONNECT SWITCH		ENTRANCE AND DOWNSTREAM 22K A.I.C. RATED CIRCUIT BREAKERS AT PANEL D."		(MAX	IMUM 6 MAINS
	FUSIBLE DISCONNECT SWITCH WITH STARTER FUSIBLE DISCONNECT SWITCH	1.	THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTIO 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 SERVICE	N	POIN	E ISOLATED GRO T GROUND. "DO LDING MAIN DIS



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

INTERIOR EXTERIOR



INSTALL 120/208V/3Ø/4W/600A, CURRENT TRANSFORMER (CT) CAN AND METER SOCKET PER SERVING UTILITY COMPANY SPECIFICATIONS.

EC TO CONFIRM WITH LOCAL UTILITY IF CURRENT TRANSFORMERS CAN BE MOUNTED IN UTILITY TRANSFORMER CABINET AND IF THE METER CAN BE MOUNTED TO THE UTILITY TRANSFORMER CABINET. IF OK WITH THE UTILITY, MOUNT CURRENT TRANSFORMER AND METERS THERE IN LIEU OF PROVIDING SEPARATE CT CABINET.

ELECTRICAL SERVICE SHALL BE 600 AMP, 120/208V, 3Ø, 4W.

> 04.06.18 ISSUED FOR PERMIT 07.25.18 ISSUED FOR BID

> > 01.08.18

T40M-O

312032

FEB 2018

GPD GROUP

2018088.03

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

STORE NUMBER:

TACO BELL

5070 W ATLANTIC BLVD. DELRAY BCH, FL 33484

0

TACO BELL

T40

OPEN KITCHEN

CALIFORNIA SOL

ELECTRICAL ONE

LINE DIAGRAMS

AND LEGEND

PLOT DATE: 7/25/2018 3:11:51 PM

BRAND DESIGNER:

SINGLE LINE DIAGRAM1 NTS

A

GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1. DISCONNECTS FOR THIS SERVICE: NS PER N.E.C.)

N BREAKER AS INDICATED:

ENGRAVED LETTERS x 3/4" HIGH, TYP.)

IDUIT STUBBED INTO BULDING FROM LATERAL POLE FOR TELEPHONE.

BLE FAULT CURRENT AT SREVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC CATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO UPDATE EQUIPMENT RATING.

0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND E.C. ARTICLE 250

RGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY IFICATIONS. 4#350 KCMIL IN EACH OF (2) 3"C. TO PAD MOUNT TRANSFORMER. TRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF DUCTORS ARE USED PROVIDE 4#500 KCMIL IN EACH (2) 3-1/3"C.

AIN SERVICE ENTRANCE 600 AMP SERVICE DISCONNECT OR MAIN BREAKER IF OCAL JURISDICTION. VERIFY BEFORE BID AND BEFORE ORDERING EQUIPMENT OR TRUCTION.

E2.0

В

ONE LINE DIAGRAM KEY NOTES1 NTS

2 3 4 5 6 Load Classif HVAC	C PANELBOARD A PANELBOARD B PANELBOARD D	ircuit Descrip	tion								g: 600 A g: 600 A			
1 2 3 4 5 6 HVAC	PANELBOARD A PANELBOARD B	ircuit Descrip	tion											
1 1 2 1 3 1 4 5 6 1 Load Classif HVAC	PANELBOARD A PANELBOARD B					WIRE SIZE	# of Poles	Frame Size	Trip F	Rating	Load		Remarks	
3 4 5 6 Load Classif							3	225 A	-	5 A		486 VA		
4 5 6 Load Classif	PANELBOARD D						3	225 A		0 A		764 VA		
5 6 Load Classif HVAC							3	400 A	40	0 A	806	673 VA		
Load Classif HVAC														
HVAC	Load Classification								Total Con	n. Load: Il Amps:		922 VA 08 A		
	fication		Con	nected Load		emand Fa	ctor	Estimated I					Panel Totals	
Kitchan				13885 VA		100.00%		13885						
Kitchen				10316 VA		65.00%		6705					onn. Load: 146922 V	
Lighting Other				3064 VA 28910 VA		125.00%		3830 \ 28910					. Demand: 144078 V n. Current: 408 A	
Power				3669 VA		100.00%		63669		Tota			d Current: 400 A	
Receptacle				7684 VA		100.00%		7684	/A					
Refrigeration				18894 VA		100.00%		18894	VA					
Spare Notes:			500 VA		100.0	0%	!	500 VA						
Notes:	Supply From: M Mounting: R Enclosure: T	ecessed				Phases: Wires:	-			Mains Type: M.L.O. Mains Rating: 225 A MCB Rating:				
CKT	Circuit Description	Wire Size Trip		A	0050 \ (1	E	3	C		Poles	Trip	Wire Size	Circuit Des	
	IOR SCONCE/PATIO LTS	20 A 20 A	1	88 VA 2	2250 VA	40 VA	2250 VA			2	20 A		WATER HEATER	
	EN/ BOH/ RESTROOM LTS	20 A	1					592 VA	500 VA	1	20 A		SOLAR PANELS CONTR	
7 SPARE		20 A	1	0 VA	154 VA					1	20 A		EMERGENCY LTS INT/E	
	AR CONTROL PANEL	20 A	1			130 VA	500 VA			1	20 A		ТВССВ	
	TER FOR SOLAR PANELS	20 A 20 A	1	0001/4				500 VA	000 \/A			1 1		
					500 V/A				900 VA	1	20 A		LTG - SHOW WINDOW	
15 SOLAR		20 A	1	600 VA	500 VA	180 VA	1000 VA		900 VA	1 1 1	20 A		INTERIOR COVE LIGHT	
_	COOLER & FREEZER	20 A 20 A	1	600 VA	500 VA	180 VA	1000 VA	800 VA	0 VA	1				
17 LTG - C 19 SPARE	COOLER & FREEZER	20 A 20 A	-	600 VA	500 VA 0 VA					1 1	20 A 20 A 20 A 20 A		INTERIOR COVE LIGHT DIGITAL MENU SECURI SPARE SPARE	
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			Branch Panel: A													
			Location: Supply From: MSB					Volts: Phases:	: 120/208 W	ye					ing: SERIES Ipe: M.L.O.	
			Mounting: Recesse	ed				Wires:					Main	ns Ratin	ng: 225 A	
		Note	Enclosure: Type 1 s:										MC	B Ratin	ing:	
		скт	Circuit Description Size		Poles		A		В		с	Poles	Trip	Wire Size		
			P-417 TIMER S-546 ICED TEA	20 A 20 A	1	180 VA	300 VA	240 VA	720 VA			1	20 A 20 A		F-040 OFFICE COMPUTER2DRIVE THRU POS/ORDER ENTRY 14	
			OFFICE QUAD RECEPTACLE	20 A	1			240 VA	720 VA	680 VA	480 VA	1	20 A 20 A		S-547 BREWER 6	
			J-BOX SECURITY SYSTEM / DVR OFFICE RECPT AND J-BOX	20 A 20 A	1	1180 VA	1200 VA	680 VA	180 VA			1	20 A 20 A		DINING POS ENTRY 1 8 RECEPTACLES - OFFICE 10	
			U-052 SECURITY SYSTEM	20 A	1			000 VA	100 VA	860 VA	864 VA	1	20 A		S-204 D/T TIMING SYSTEM 12	
			DRIVE THRU POS/ORDER ENTRY 2 BEVERAGE DISPENSER D/T	20 A 15 A	1	1220 VA	1140 VA	360 \/A	2013 VA			1	20 A		R-009 FULL HEIGHT FREEZER 14 16	
		17	P-452 HOT WATER SYSTEM	20 A				300 VA	2013 VA	2013 VA	2013 VA	2	30 A		P-452 HOT WATER SYSTEM 18	
		19 21	C-107 RETHERMALIZER	20 A		2013 VA	1080 VA	180 VA	500 VA			1	20 A 20 A		INTERIOR DIGITAL MENUBOARD 20 E-107 FIRE SUPPRESSION 22	
		23	E-272 HOOD FIRE SUP.	20 A	1			100 VA	300 VA	500 VA	180 VA	1	20 A		C-026 FRYER 24	
		25 27	C-400 COOK TIMER	20 A	1	180 VA	0 VA	1248 VA	500 VA				 20 A		SHUNT TRIP BREAKER FOR DUAL FRYER 26 1 OCB SWITCH 28	
		29	EVO CABINET 1 (VLINE 1)	15 A	2				300 VA	1248 VA	1248 VA		15 A		30	
			S-027 HEATED CABINET S-027 HEATED CABINET	20 A 20 A	1	180 VA	1248 VA	180 VA	1000 VA			1	20 A		EVO CABINE I 2 (VLINE 1) 32 FIREPLACE 34	
		35	REFRIGERATOR (VLINE 1)	15 A	1					960 VA		-	20 A		36	
$\frown \frown \frown \frown$	\frown	37 39	HOT WELL W/ GRILL	30 A	2	2309 VA	1664 VA	2309.\/A	1664 VA			2	20 A		C-250 (VLINE 1) CHEES MELTER 38 40	
		41		20.4	2			2309 VA	1004 VA	1664 VA	2196 VA	1	30 A		C-203 (VLINE 1) CLAM 42	
	$ \prec$	43	C-250 (VLINE 2) CHEESE MELTER	20 A		1664 VA	2196 VA	240.1/4	240.1/4			1	30 A		C-203 (VLINE 2) CLAM 44	
		45 47	DIGITAL SCALE (VLINE 1) DRIVE THRU MONITORS	15 A 20 A	-			240 VA	240 VA	360 VA	960 VA	1	15 A 15 A		DIGITAL SCALE (VLINE 1) 46 REFRIGERATOR (VLINE 2) 48	
	$ \leq $	49 51	EVO CABINET 1 (VLINE 2)	15 A	2	1248 VA	1248 VA		1248 VA			2	15 A		EVO CABINET 1 (VLINE 2) 50 52	
		53	DINING POS ENTRY 2 & CARD	20 A	1			1240 VA	1240 VA	900 VA	360 VA	1	20 A		SAFE W/TOUCHSCREEN 54	
					al Load: I Amps:		50 VA '2 A		50 VA 23 A		86 VA 19 A	_				
п СКТ		Load	Classification		nnected	-	Demand	· · · · · · · · · · · · · · · · · · ·		ed Demand					Panel Totals	
2		Kitch Powe			1500 V 46462 V		100.00 100.00			00 VA 62 VA			Total	Conne	ected Load: 52486 VA	
6	2	1	ptacle		4524 V		100.00			24 VA			otal Es	stimated	ed Demand: 52486 VA	
SIGNS 8)									т				red Current: 146 A nd Current: 146 A	
10															em Voltage: 120/208 Wye	
14 16	(2)	Note	s:													
18																
20 22)														
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32 34																
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														<u>gene</u>	IERAL NOTE:	
														FOR 10'-0"	R PARKING LOT (SITE) LIGHTS AND OUTSIDE SIGNS: PROVIDE (5) 3/4"C FROM PANEL "B" AND STUB " AWAY FROM THE BUILDING. VERIFY EXACT LOCATION OF STUB PRIOR TO ROUGH-IN. LOADS M	OUT AY VARY
															H LOCATION. VERIFY OUTDOOR VOLTAGE DROP FOR ALL PARKING LIGHTING (SITE) CIRCUITS.	
														KEY I	NOTES:	
													(1)		DVIDE LOCK-ON BREAKER.	
													2		CUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS	
														6.0 T	THROUGH 6.3.	
													3	PRO	OVIDE GFCI BREAKER	
												GE	NER		NOTES & KEY NOTES - ELECTRICAL SCHEDULES	NTS

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ENTRY 1	4	
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LIEK	40	
	42	
CLAM	44	
VLINE 1)	46	
(VLINE 2)	48	
VLINE 2)	50	
	52	
CREEN	54	
Э		



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

A	06.06.18	CLIENT REVISIONS
	04.06.18	ISSUED FOR PERMIT
	07.25.18	ISSUED FOR BID

CONTRACT DATE: 01.08.18 BUILDING TYPE: T40M-O PLAN VERSION: FEB 2018 BRAND DESIGNER: GPD GROUP SITE NUMBER: 312032 STORE NUMBER: 2018088.03



5070 W ATLANTIC BLVD. DELRAY BCH, FL 33484



OPEN KITCHEN CALIFORNIA SOL





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			COMMERCIA	AL K	ITCF	HEN	١E	QL	IPMENT SCH	IED	ULE								
		EQUIPMENT IDENTIFICATION	EQUIPMENT ELEC	TRICAL (CHARAC	TERIS	FICS		EQUIPMEN	T CIRCI	TIL			EQ	JIPMEN	IT DISCC	NNET		
TAG B-381	O TYPE	EQUIPMENT NAME	V/Ph - WATTS 120 V/1-120 VA	- FLA/RLA	ЧСУ ИСУ 1.3	15 TIME DELAY FUSE	G INVERSE-TIME BREAKER	L SETS	BRANCH CIRCUIT #12 W/#12 G IN 3/4"C	D PANEL	14 CIRCUIT NUMBER	2 WIRE TYPE		H H C&P	JZIS 15	РМЭ 5-15	SUPPLIED BY	🛱 INSTALLED BY	NOTES 2
C-026	KR	FRYER	120 V/1-180 VA	6.1	7.6	20	20	1	#12 W/#12 G IN 3/4"C	A	24	CU	ST	C&P	20	5-20	ES	ES	2
C-107	0	RETHERMALIZER	120 V/1-180 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	A	21	CU	ST	C&P	20	5-20	ES	ES	2
C-203	-	VLINE CLAM	120 V/1-2196 VA	18.3	22.8	30	30	1	#10 W/#10 G IN 3/4"C	A	44	CU	ST	C&P	30	5-30P	ES	ES	2
C-250		VLINE CHEESE MELTER	208 V/2-3328 VA	16	20	20	20	1	#12 W/#12 G IN 3/4"C	A	41,43	CU	ST	C&P	20	6-20P	ES	ES	2
C-400	0		120 V/1-180 VA	3.5	4.4	20	20	- '	#12 W/#12 G IN 3/4"C	A	25	CU	ST	C&P	20	5-20	ES	ES	2
E-107	0	EXHAUST HOOD	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	A	22	CU	ST	DIRECT	20	J-BOX	ES	ES	8
E-107 E-272	0	HOOD FIRE SUPPRESSION SYSTEM	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	A	23	CU	ST	DIRECT	20	J-BOX	ES	ES	8
F-040	0	F-040 OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	A	2	CU	ST	C&P	20	5-20	ES	ES	2
F-040	0	U-070 RECEIPT PRINTER	120 V/1-300 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	A	8	CU	ST	C&P	20	5-20	ES	ES	2
F-090	0	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	A	13	CU	ST	C&P	20	5-20	ES	ES	2
F-174	0	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	A	54	CU	ST	C&P	20	5-20	ES	ES	2
HM-10	0	OCB SWITCH	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	28	CU	ST	C&P	20	5-20	ES	ES	2
IR-01	0	IRRIGATION TIMER	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	D	6	CU	ST	C&P	20	5-20	ES	ES	2
L-049	0	DIGITAL MENU BOARD	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	20	CU	ST	C&P	20	5-20	ES	ES	2
M-03	0	MUSIC SYSTEM JACK	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	D	8	CU	ST	C&P	20	5-20	ES	ES	2
N-043	0	POWER SOAK	208 V/2-4700 VA	11.4	14.1	20	20	1	#12 W/#12 G IN 3/4"C	D	22,24	CU	ST	C&P	20	6-20P	ES	ES	2
P-07	0	POS J-BOX	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	9	CU	ST	C&P	20	5-20	ES	ES	2
P-417	0	TIMER - 8 CHANNEL	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	1	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.4	24.2	30	30	1	#10 W/#10 G IN 3/4"C	A	16,18	CU	ST	C&P	30	6-30	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.4	24.2	30	30	1	#10 W/#10 G IN 3/4"C	A	17,19	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	Α	14	CU	ST	C&P	20	5-20	ES	ES	2
S540	KM	PEPSI BOOSTER TANK	120 V/1-540 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	D	7	CU	ST	C&P	20	5-20	ES	ES	2
S-01	0	J-BOX SECURITY DVR	120 V/1-500 VA	4.2	5.3	20	20	1	#12 W/#12 G IN 3/4"C	Α	11	CU	ST	C&P	20	5-20	ES	ES	2
S-12	0	J-BOX SECURITY	120 V/1-500 VA	4.2	5.3	20	20	1	#12 W/#12 G IN 3/4"C	Α	7	CU	ST	C&P	20	5-20	ES	ES	2
S-027	KR	HEATED CABINET	120 V/1-180 VA	16.6	20	20	20	1	#12 W/#12 G IN 3/4"C	Α	31	CU	ST	C&P	20	5-20	ES	ES	2
S-027	KR	HEATED CABINET	120 V/1-180 VA	16.6	20	20	20	1	#12 W/#12 G IN 3/4"C	Α	33	CU	ST	C&P	20	5-20	ES	ES	2
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	Α	12	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	S-284 BEVERAGE DISPENSER	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	D	15	CU	ST	C&P	20	5-20	ES	ES	2
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	Α	15	CU	ST	C&P	20	5-20	ES	ES	2
S-286	0	WATER FILTRATION SYSTEM	120 V/1-400 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	D	39	CU	ST	C&P	20	5-20	ES	ES	2
S-513	0	S-513 ICE MAKER	120 V/1-180 VA	1.1	1.4	15	15	1	#12 W/#12 G IN 3/4"C	D	2	CU	ST	C&P	15	5-15	ES	ES	2
S-546	0	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	3	CU	ST	C&P	20	5-20	ES	ES	2
S-547	0	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	А	6	CU	ST	C&P	20	5-20	ES	ES	2
S-570	0	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	D	1	CU	ST	C&P	15	5-15	ES	ES	2
S-570	0	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	D	15	CU	ST	C&P	15	5-15	ES	ES	2
S-737	KM	S-737 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	D	10,12	CU	ST	C&P	30	6-30	ES	ES	2
S-XX2	0	AIR CURTAIN RECEPTACLE	120 V/1-500 VA	4.2	5.25	20	20	1	#12 W/#12 G IN 3/4"C	D	25	CU	ST	C&P	20	5-20	ES	ES	2
U-052	0	U-052 SECURITY SYSTEM	120 V/1-180 VA	3.0	3.8	15	15	1	#12 W/#12 G IN 3/4"C	Α	5	CU	ST	C&P	15	5-15	ES	ES	2
U-052	0	GENERAL PURPOSE RECEPTACLE	120 V/1-360 VA	3.0	3.8	15	15	1	#12 W/#12 G IN 3/4"C	Α	11	CU	ST	C&P	15	5-15	ES	ES	2
U-061	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	13	CU	ST	C&P	20	5-20	ES	ES	2
U-061	0	CREDIT CARD READER	120 V/1-360 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	А	53	CU	ST	C&P	20	5-20	ES	ES	2
U-070	0	U-070 RECEIPT PRINTER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	8	CU	ST	C&P	20	5-20	ES	ES	2
U-070	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	13	CU	ST	C&P	20	5-20	ES	ES	2
U-100	0	POS	120 V/1-180 VA	1.5	1.9	15	15	1	#12 W/#12 G IN 3/4"C	Α	53	CU	ST	C&P	15	5-15	ES	ES	2
U-238	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	15	1	#12 W/#12 G IN 3/4"C	А	47	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	D	27,29,31	CU	ST	DIRECT	20	J-BOX	ES	ES	2
W-075	KM	W-075-1 WALK-IN COOLER	208 V/3-0 VA	14.2	17.8	20	20	1	#12 W/#12 G IN 3/4"C	D	28,30,32	CU	ST	DIRECT	20	J-BOX	ES	ES	2

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

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

NOTES: 1 - REQUIRES SHUNT TRIP PROTECTION

2 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE. 3 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC. 7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.

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

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

Notes	Branch Panel: Location: Supply From: Mounting: Enclosure:	MSB Recessed	ł				Volts Phases Wires		/ye			Ma Mair	ins Ty	ng: SERIES pe: M.L.O. ng: 400 A ng:	
СКТ	Circuit Description	Wire Size	Trip	Poles		A		В		C	Poles	Trip	Wire Size	Circuit Description	СКТ
1	CARBONATOR	12	15 A	1	138 VA	360 VA					1	20 A	12	S-513 ICE MAKER	2
3	TANKLESS WATER HEATER	12	20 A	1			180 VA	680 VA			1	20 A	12	ALTERNATE PAYMENT ROUTER BOX AN	. 4
5	HUB TABLE RECEPTACLES	12	20 A	1					500 VA	680 VA	1	20 A	12	IRRIGATION TIMER AND RECEPTACLE	6
7	S-540 PEPSI TANK	12	20 A	1	540 VA	680 VA					1	20 A	12	MUSIC SYSTEM J-BOX AND RECEPTACLE	8
9	RECEPTACLES - ROOF	12	20 A	1			360 VA	1560 VA				20.4	10		10
11	CONVIENCE RECEPTACLES	12	20 A	1					540 VA	1560 VA	2	30 A	10	S-737 FROZEN BEV. DISP.	
13	GENERAL PURPOSE RECEPTACLES	12	20 A	1	540 VA	1600 VA						00.4	10		14
15	DRINK FOUNTAIN - S-284 AND S-570	12	20 A	1			498 VA	1600 VA			2	20 A	12	ICE MAKER CONDENSER	
17	U-238 MONITORS	12	20 A	1					720 VA	1600 VA		00.4		ICE MAKER CONDENSER	18
19		40		•	1600 VA	1600 VA					2	20 A	12		20
21	ICE MAKER CONDENSER D/T	12	20 A	2			1600 VA	2350 VA					10		22
23	HUB TABLE KIOSK	12	20 A	1					500 VA	2350 VA	2	20 A	12	POWER SOAK	24
25	AIR CURTAIN RECEPTACLE	12	15 A	1	500 VA	500 VA					1	20 A	12	MUSIC SYSTEM (MUZAK)	26
27							1393 VA	1705 VA							28
29	WALK-IN FREEZER	12	20 A	3					1393 VA	1705 VA	3	15 A	12		30
31					1393 VA	1705 VA									32
33							4035 VA	9600 VA				+			34
35	RTU-1	8	50 A	3					4035 VA	9600 VA	3	80 A	4	RTU-2	36
37					4035 VA	9600 VA									38
39	S-286 WATER FILTER SYSTEM	12	20 A	1			400 VA	2309 VA							40
	S-381 AMPROBE CO2 MONITOR	12	20 A	1					120 VA	2309 VA	2	30 A	10	HOT WELL W/ GRILL (VLINE 2)	42
				al Load:	2479) 1 VA	282	70 VA		2 VA					
				Amps:		7 A		39 A	-	4 A	1				
				nected		Demand			ed Demand					Panel Totals	
HVAC			12105 V		100.00			105 VA							
Kitchen		8816 VA			65.00%			30 VA			Total	Conne	cted Load: 80673 VA		
Other 28		28800 V	'A	100.0	0%	288	300 VA		Т	otal Es	stimate	d Demand: 77587 VA			
Power 10398 '		10398 V	A	100.0	0%	103	398 VA		т	otal Co	onnecte	ed Current: 224 A			
Receptacle 1660 V			1660 V	۹	100.0	0%	16	60 VA	Т	otal Esti	mated	Demar	nd Current: 215 A		
•		18894 V	'A	100.0	0%	188	394 VA				m Voltage: 120/208 Wye				
Notes															



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

04.06.18	ISSUED FOR PERMIT
07.25.18	ISSUED FOR BID

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03



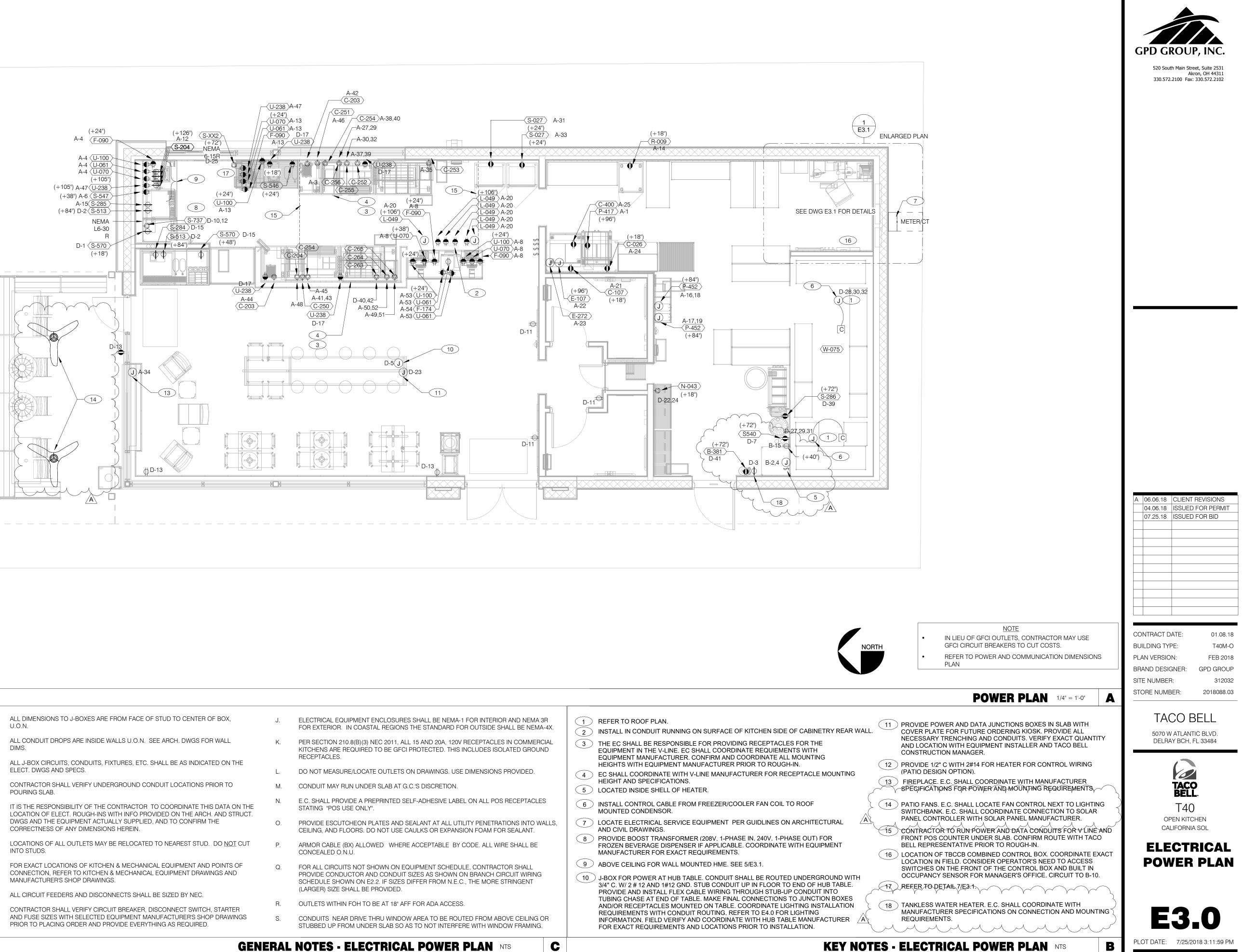
5070 W ATLANTIC BLVD. DELRAY BCH, FL 33484



OPEN KITCHEN CALIFORNIA SOL





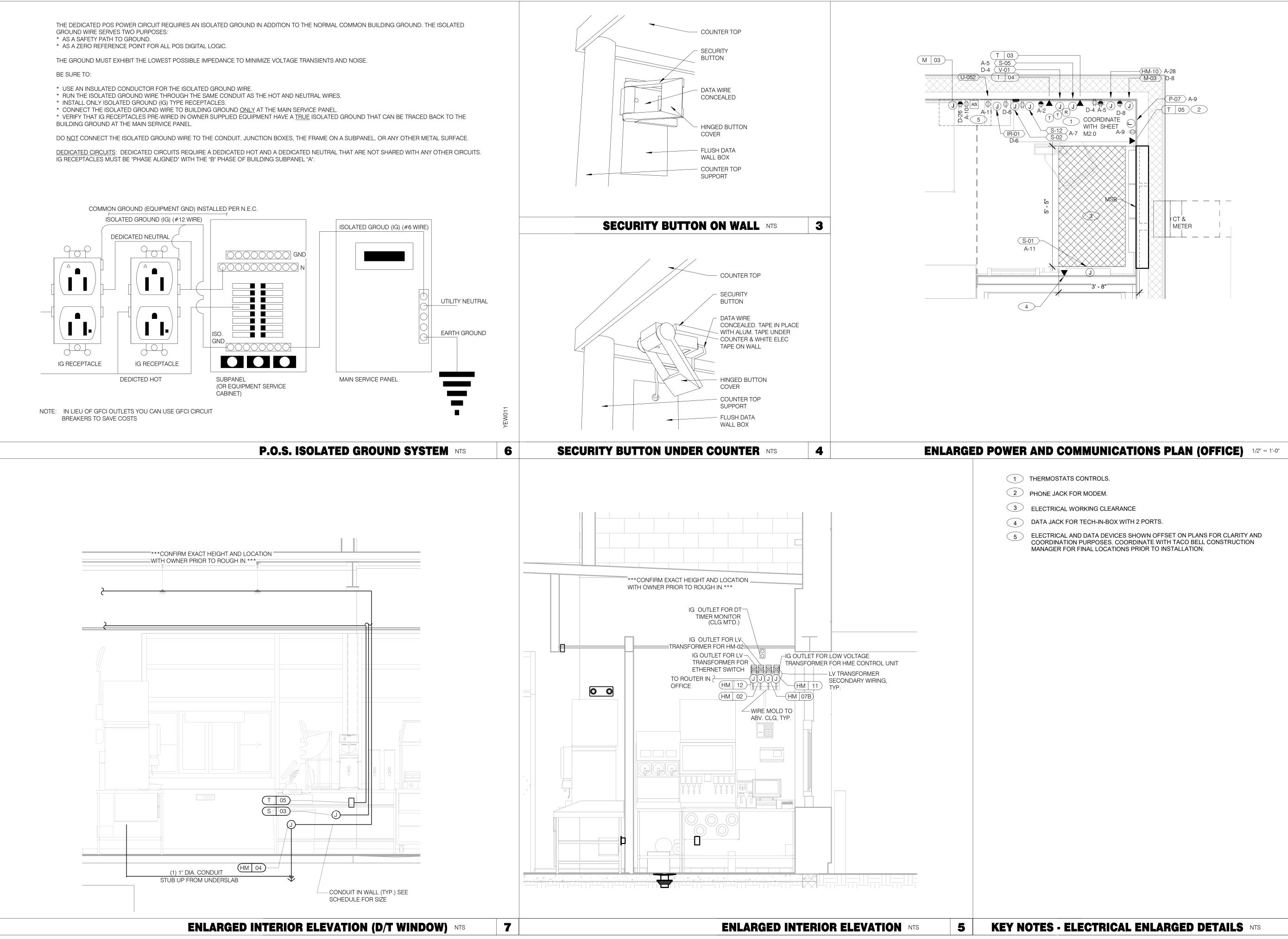


- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX,
- В.
- C.
- D.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE
- F.
- G.
- Н.
- Ι.

ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, ND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT. ABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE ED O.N.U. ARCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING E SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT SIZE SHALL BE PROVIDED. WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS. S NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.	 7 LOCATE ELECTRICAL SERVICE EQUIPMENT PER GUIDLINES ON ARCHITECTURAL AND CIVIL DRAWINGS. 8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER IF APPLICABLE. COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT REQUIREMENTS. 9 ABOVE CEILING FOR WALL MOUNTED HME. SEE 5/E3.1. 10 J-BOX FOR POWER AT HUB TABLE. CONDUIT SHALL BE ROUTED UNDERGROUND W 3/4" C. W/ 2 # 12 AND 1#12 GND. STUB CONDUIT UP IN FLOOR TO END OF HUB TABLE PROVIDE AND INSTALL FLEX CABLE WIRING THROUGH STUB-UP CONDUIT INTO TUBING CHASE AT END OF TABLE. MAKE FINAL CONNECTIONS TO JUNCTION BOXE AND/OR RECEPTACLES MOUNTED ON TABLE. COORDINATE LIGHTING INSTALLATIO REQUIREMENTS WITH CONDUIT ROUTING, REFER TO E4.0 FOR LIGHTING INFORMATION. FIELD VERIFY AND COORDINATE WITH HUB TABLE MANUFACTURER FOR EXACT REQUIREMENTS AND LOCATIONS PRIOR TO INSTALLATION.
AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT. ABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE ED O.N.U. FIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING E SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT SIZE SHALL BE PROVIDED.	 AND CIVIL DRAWINGS. PROVIDE BOOST TRANSFORMER (208V. 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER IF APPLICABLE. COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT REQUIREMENTS. ABOVE CEILING FOR WALL MOUNTED HME. SEE 5/E3.1. J-BOX FOR POWER AT HUB TABLE. CONDUIT SHALL BE ROUTED UNDERGROUND W 3/4" C. W/ 2 # 12 AND 1#12 GND. STUB CONDUIT UP IN FLOOR TO END OF HUB TABLE PROVIDE AND INSTALL FLEX CABLE WIRING THROUGH STUB-UP CONDUIT INTO TUBING CHASE AT END OF TABLE. MAKE FINAL CONNECTIONS TO JUNCTION BOXE AND/OR RECEPTACLES MOUNTED ON TABLE. COORDINATE LIGHTING INSTALLATIO
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,	AND CIVIL DRAWINGS.
CONTOURON DUATES AND SEALANT AT ALL LITUITY DENETRATIONS INTO MALLS	
_ PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES POS USE ONLY".	6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
MAY RUN UNDER SLAB AT G.C.'S DISCRETION.	5 LOCATED INSIDE SHELL OF HEATER.
EASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.	EC SHALL COORDINATE WITH V-LINE MANUFACTURER FOR RECEPTACLE MOUNTIN HEIGHT AND SPECIFICATIONS.
ON 210.8(B)(3) NEC 2011, ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND CLES.	3 THE EC SHALL BE RESPONSIBLE FOR PROVIDING RECEPTACLES FOR THE EQUIPMENT IN THE V-LINE. EC SHALL COORDINATE REQUIEMENTS WITH EQUIPMENT MANUFACTURER. CONFIRM AND COORDINATE ALL MOUNTING HEIGHTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
AL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R RIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.	1 REFER TO ROOF PLAN. 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REA
	NOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X. DN 210.8(B)(3) NEC 2011, ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND LES. EASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED. MAY RUN UNDER SLAB AT G.C.'S DISCRETION. PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES

THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:

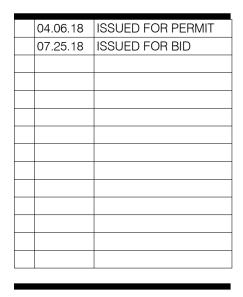
DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS.





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

COORDINATION PURPOSES. COORDINATE WITH TACO BELL CONSTRUCTION



1

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03



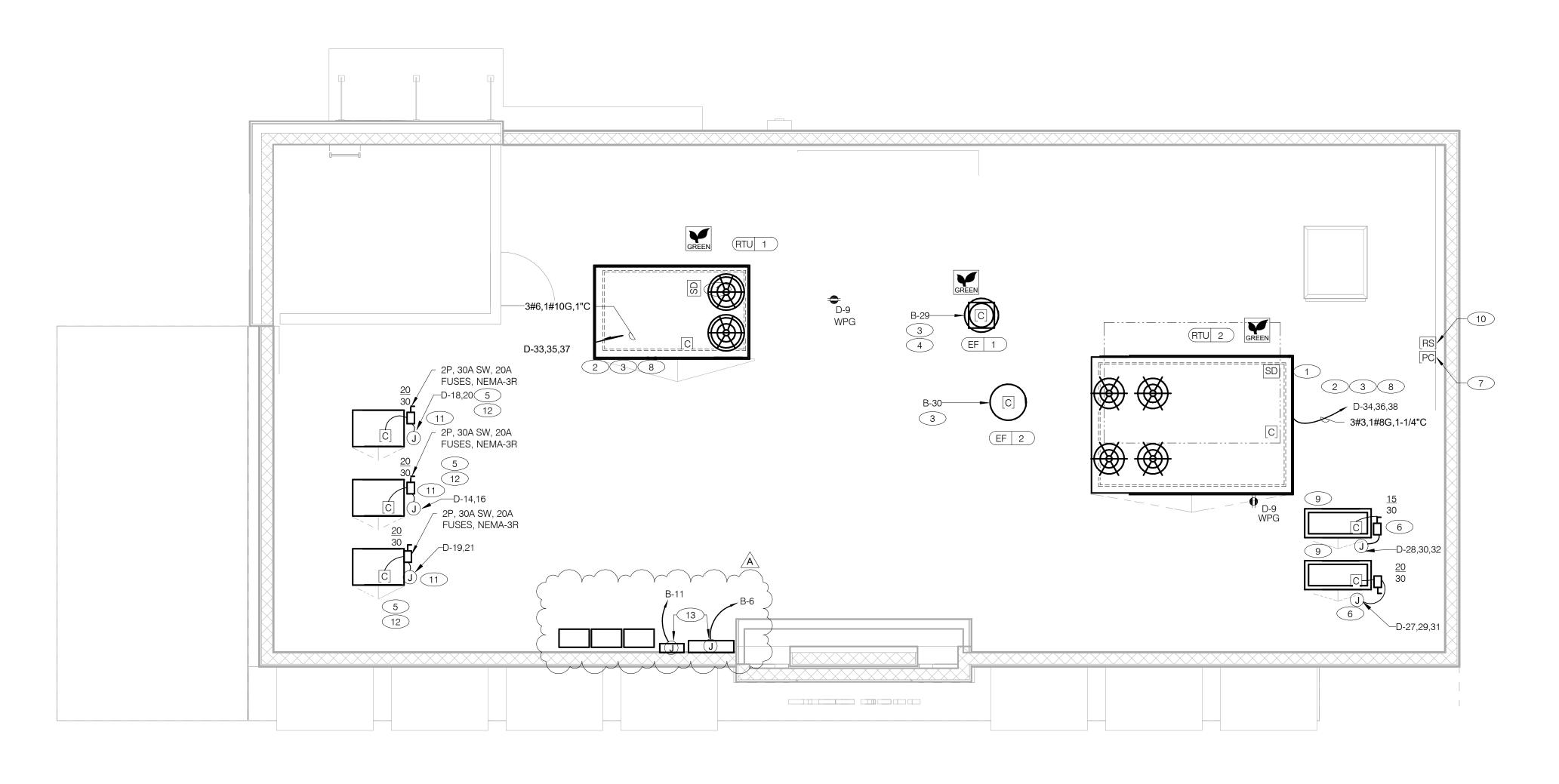
DELRAY BCH, FL 33484





ENLARGED POWER PLAN AND DETAILS





ENE	RAL NOTES - ELECTRICAL POWER ROOF PLAN NTS	С	KEY NOTES
J.	ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE.		
	SPECIFIED ROOF PENETRATIONS.		9
I.	ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT		
H.	REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.		8
G.	ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.		7
F.	ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.		6
E.	REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.		5
D.	ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.		4
C.	REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.		3
В.	ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.		2
Α.	NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.		

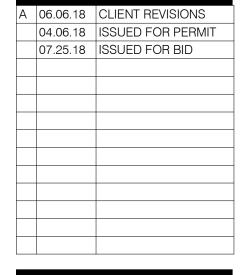


NORTH

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

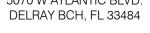
- SMOKE DETECTOR PROVIDED WITH UNIT. REFER TO MECHANICAL DRAWINGS.
- SPECIFIED RTU IS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
-) POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
- CONNECT TO EF-1 RELAY. REF E6.0 THROUGH E6.3.
- 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
- REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.
- O MOUNT PHOTOCELL ON THE EAST SIDE OF THE BUILDING 14.0' ABOVE GRADE. CONNECT TO LIGHTING CONTROL PANEL AND RELAYS. SEE E6.0 AND E6.1.
- RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND CONVENIENCE OUTLET.
- 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.
- RAIN SENSOR MOUNTED NEXT TO PHOTOCELL 14.0' ABOVE GRADE.
- ______ PIPE HOOD FOR ICE MACHINE CONDENSERS. SEE ARCHITECTURAL ROOF PLAN.
- 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.
- CONTROLLER AND INVERTER FOR SOLAR PANEL SYSTEM. E.C. SHALL COORDINATE WITH MANUFACTURER FOR CONNECTION REQUIREMENTS.



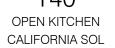


CONTRACT DATE:01.08.18BUILDING TYPE:T40M-OPLAN VERSION:FEB 2018BRAND DESIGNER:GPD GROUPSITE NUMBER:312032STORE NUMBER:2018088.03

TACO BELL 5070 W ATLANTIC BLVD.



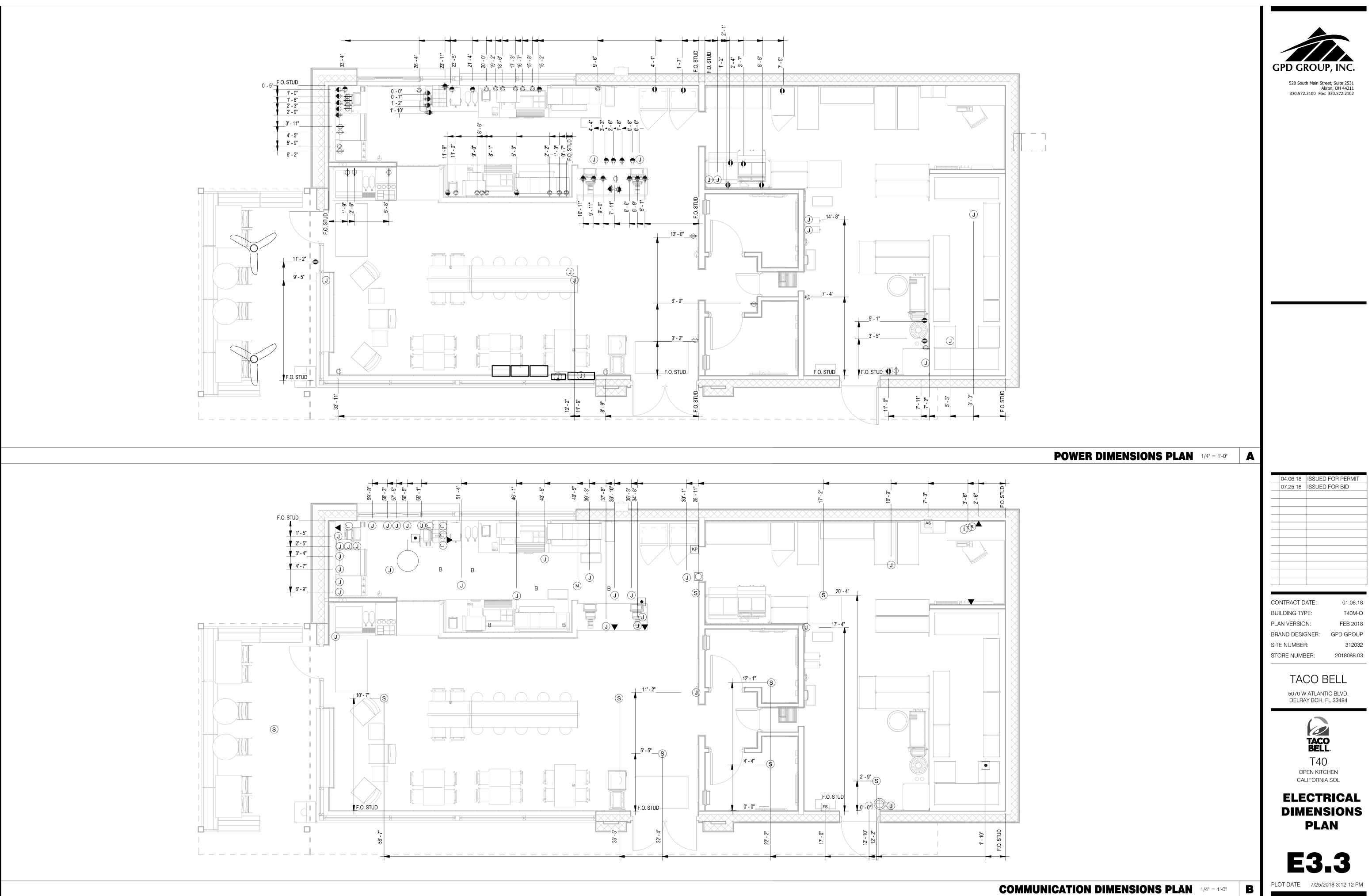


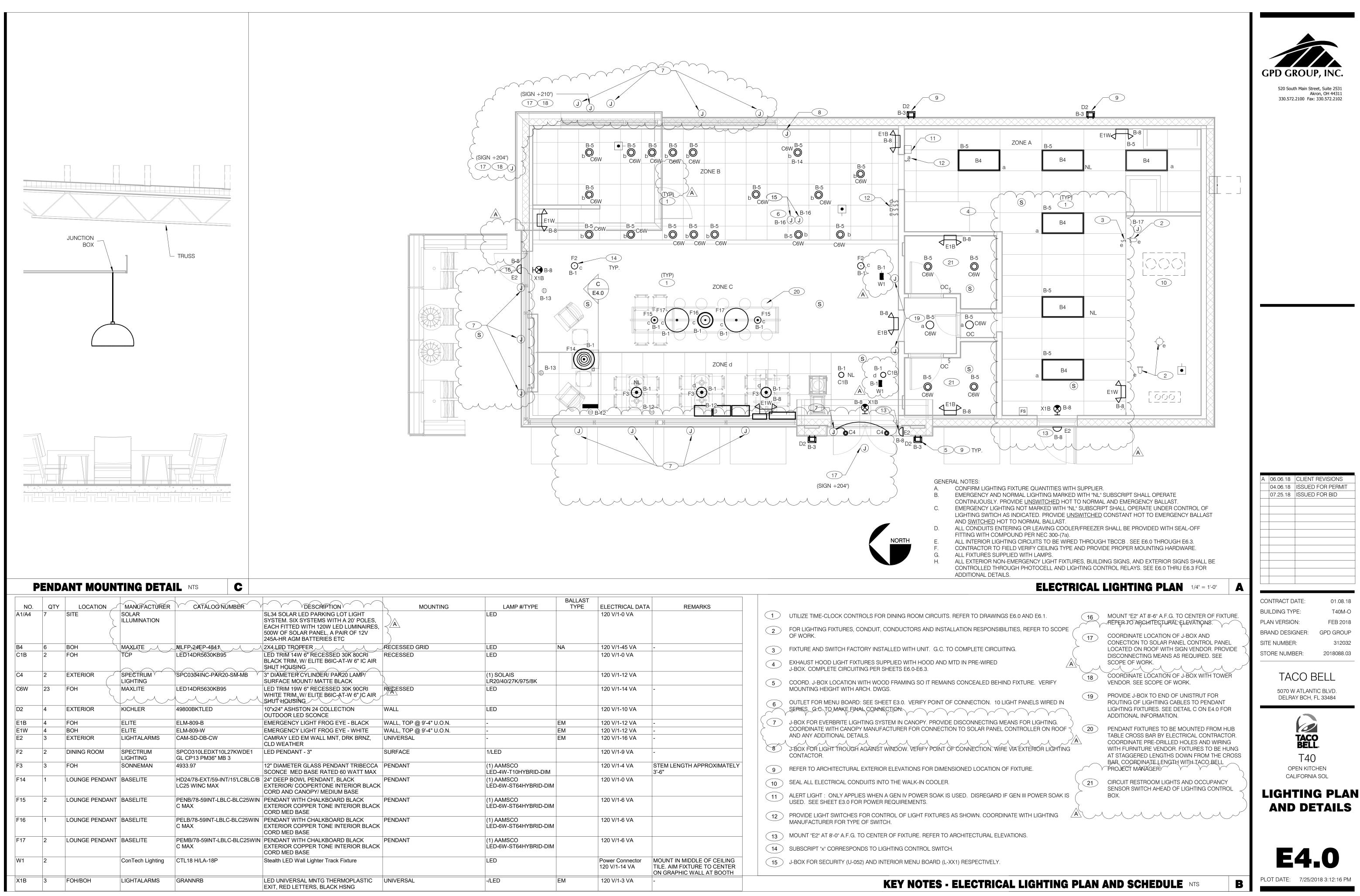






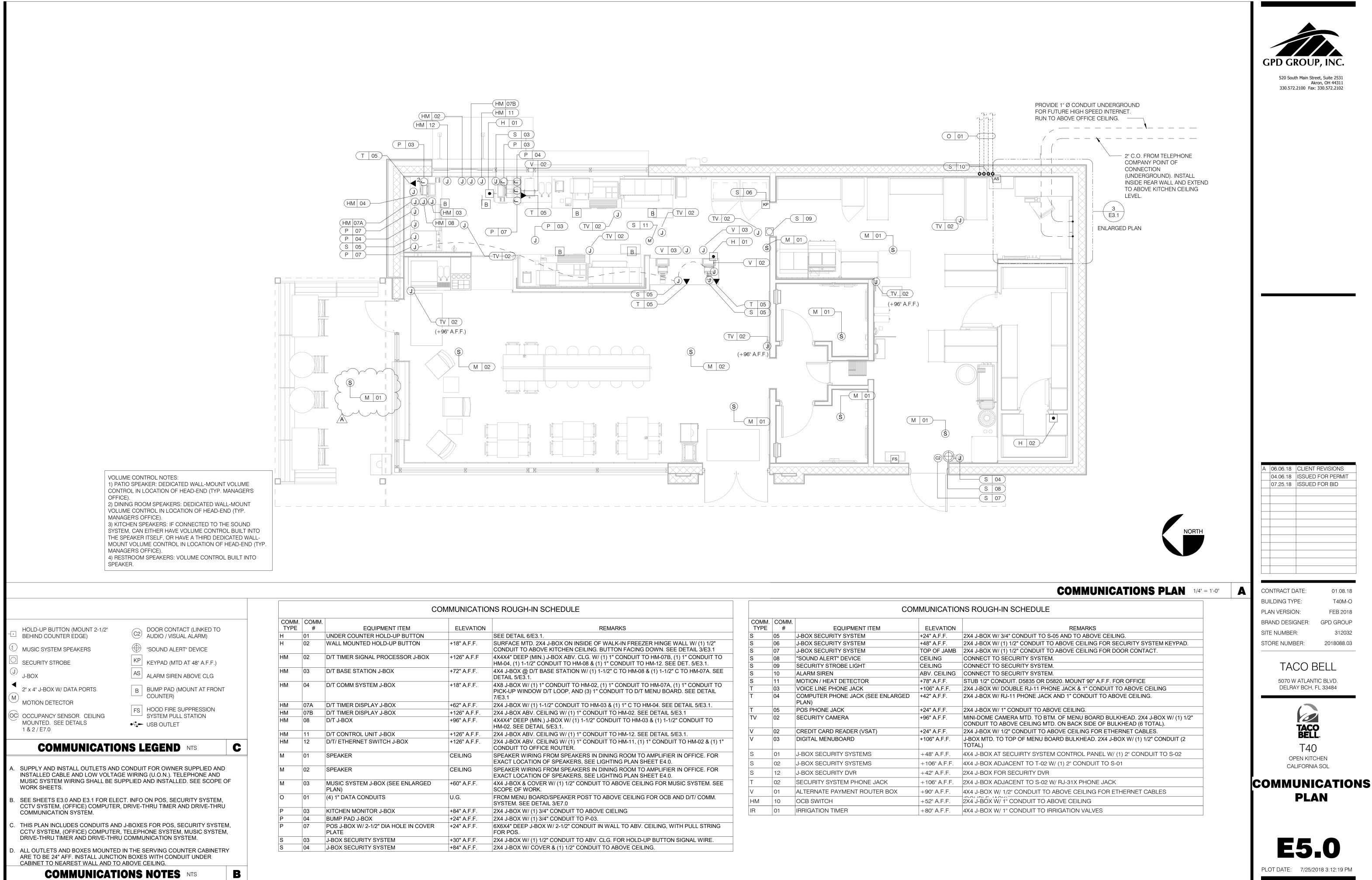
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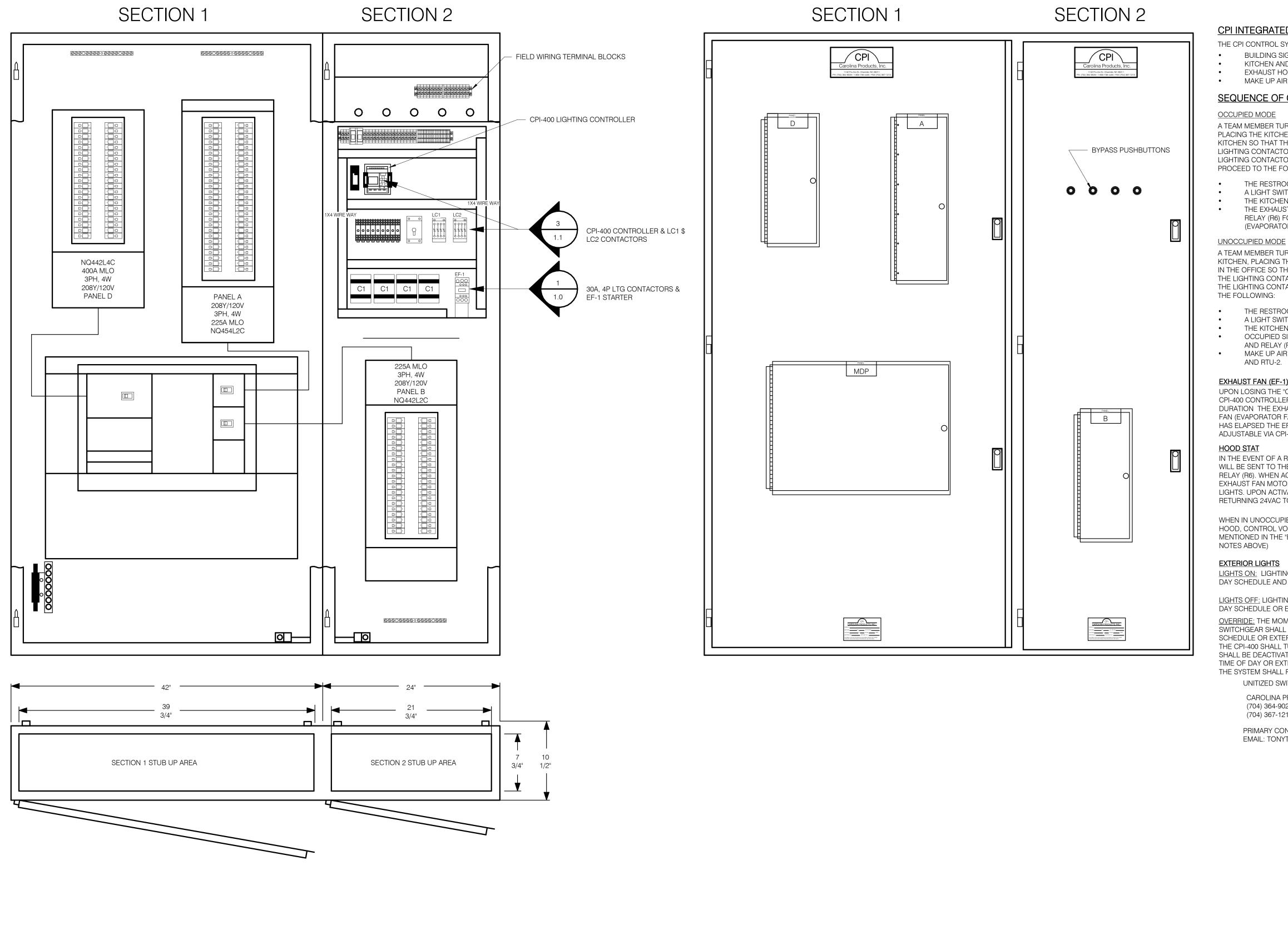
LAMP #/TYPE	BALLAST TYPE	ELECTRICAL DATA	REMARKS
LED		120 V/1-0 VA	
 LED	NA	120 V/1-45 VA	
 LED		120 V/1-0 VA	
		120 0/1 0 0/1	
 (1) SOLAIS		120 V/1-12 VA	
LR20/40/27K/975/8K			
LED		120 V/1-14 VA	-
		120 V/1-10 VA	
LED		120 V/ I- IU VA	
 -	EM	120 V/1-12 VA	-
-	EM	120 V/1-12 VA	-
 -	EM	120 V/1-16 VA	-
 1/LED		120 V/1-9 VA	-
(1) AAMSCO		120 V/1-4 VA	STEM LENGTH APPROXIMATELY
LED-4W-T10HYBRID-DIM			3'-6"
(1) AAMSCO		120 V/1-0 VA	
LÉD-6W-ST64HYBRID-DIM			
 (1) AAMSCO		120 V/1-6 VA	
(1) AAMSCO LED-6W-ST64HYBRID-DIM		120 V/1-0 VA	
 (1) AAMSCO		120 V/1-6 VA	
LÉD-6W-ST64HYBRID-DIM			
(1) AAMSCO		120 V/1-6 VA	
LÉD-6W-ST64HYBRID-DIM			
		Power Connector	
LED		120 V/1-14 VA	MOUNT IN MIDDLE OF CEILING TILE. AIM FIXTURE TO CENTER
			ON GRAPHIC WALL AT BOOTH
-/LED	EM	120 V/1-3 VA	-

	\smile	
	2	FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBIL OF WORK.
	3	FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITI
	4	EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEETS E6.0-E6.3.
	5	COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIN MOUNTING HEIGHT WITH ARCH. DWGS.
,	6	OUTLET FOR MENU BOARD: SEE SHEET E3.0. VERIFY POINT OF CONNECTION. 10 LIC SERIES. G.C. TO MAKE FINAL CONNECTION.
	7	J-BOX FOR EVERBRITE LIGHTING SYSTEM IN CANOPY. PROVIDE DISCONNECTING ME COORDINATE WITH CANOPY MANUFACTURER FOR CONNECTION TO SOLAR PANEL C AND ANY ADDITIONAL DETAILS.
	8	J-BOX FOR LIGHT TROUGH AGAINST WINDOW. VERIFY POINT OF CONNECTION. WIRE CONTACTOR.
	9	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR DIMENSIONED LOCATION OF
	10	SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
	11	ALERT LIGHT : ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
	12	PROVIDE LIGHT SWITCHES FOR CONTROL OF LIGHT FIXTURES AS SHOWN. COORDIN MANUFACTURER FOR TYPE OF SWITCH.
	13	MOUNT "E2" AT 8'-0" A.F.G. TO CENTER OF FIXTURE. REFER TO ARCHITECTURAL ELEV.
	14	SUBSCRIPT "x" CORRESPONDS TO LIGHTING CONTROL SWITCH.
	15	J-BOX FOR SECURITY (U-052) AND INTERIOR MENU BOARD (L-XX1) RESPECTIVELY.
		KEY NOTES - ELECTRICA



ION	REMARKS
	SEE DETAIL 6/E3.1.
	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
=	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.
	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DETAIL 5/E3.1.
	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-07A, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUIT TO D/T MENU BOARD. SEE DETAIL 7/E3.1
	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1" C TO HM-04. SEE DETAIL 5/E3.1.
Ξ.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DETAIL 5/E3.1
	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DETAIL 5/E3.1.
Ξ.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DETAIL 5/E3.1.
Ξ.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-11, (1) 1" CONDUIT TO HM-02 & (1) 1' CONDUIT TO OFFICE ROUTER.
	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
	4X4 J-BOX & COVER W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR MUSIC SYSTEM. SEE SCOPE OF WORK.
	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T/ COMM. SYSTEM. SEE DETAIL 3/E7.0
	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CIELING
	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.
	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE.
	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.

		CO	MUNICATIO	NS ROUGH-II
COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	
S	05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/
S	06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO S
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO S
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO S
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONE
Т	03	VOICE LINE PHONE JACK	+106" A.F.F.	2X4 J-BOX W/ D
Т	04	COMPUTER PHONE JACK (SEE ENLARGED PLAN)	+42" A.F.F.	2X4 J-BOX W/ R
Т	05	POS PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1
TV	02	SECURITY CAMERA	+96" A.F.F.	MINI-DOME CAN CONDUIT TO AB
V	02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/
V	03	DIGITAL MENUBOARD	+106" A.F.F.	J-BOX MTD. TO TOTAL)
S	01	J-BOX SECURITY SYSTEMS	+48" A.F.F.	4X4 J-BOX AT S
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJ
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOF
Т	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJ
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1
НМ	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1



GPD GROUP, INC

CPI INTEGRATED TACO BELL CONTROLS :

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

SEQUENCE OF OPERATION

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

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

THE EXHAUST HOOD FAN MARKED "EF-1", HOOD LIGHTS, AND RELAY (R6) FOR MAKE UP AIR / REPLACEMENT AIR FAN (EVAPORATOR FAN) IN RTU-1 AND RTU-2.

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

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

THE KITCHEN LIGHTS OCCUPIED SIGNAL FOR THE EXHAUST HOOD FAN MARKED "EF-1"

AND RELAY (R6) FOR THE MAKE UP AIR / REPLACEMENT AIR FAN (EVAPORATOR FAN) IN RTU-1 AND RTU-2.

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

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

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

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

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

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

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

UNITIZED SWITCHGEAR WITH INTEGRATED CONTROLS SUPPLIER:

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

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

04.06.18 ISSUED FOR PERMIT 07.25.18 ISSUED FOR BID

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
PLAN VERSION:	FEB 2018
BRAND DESIGNER:	GPD GROUP
SITE NUMBER:	312032
STORE NUMBER:	2018088.03

TACO BELL

5070 W ATLANTIC BLVD. DELRAY BCH, FL 33484

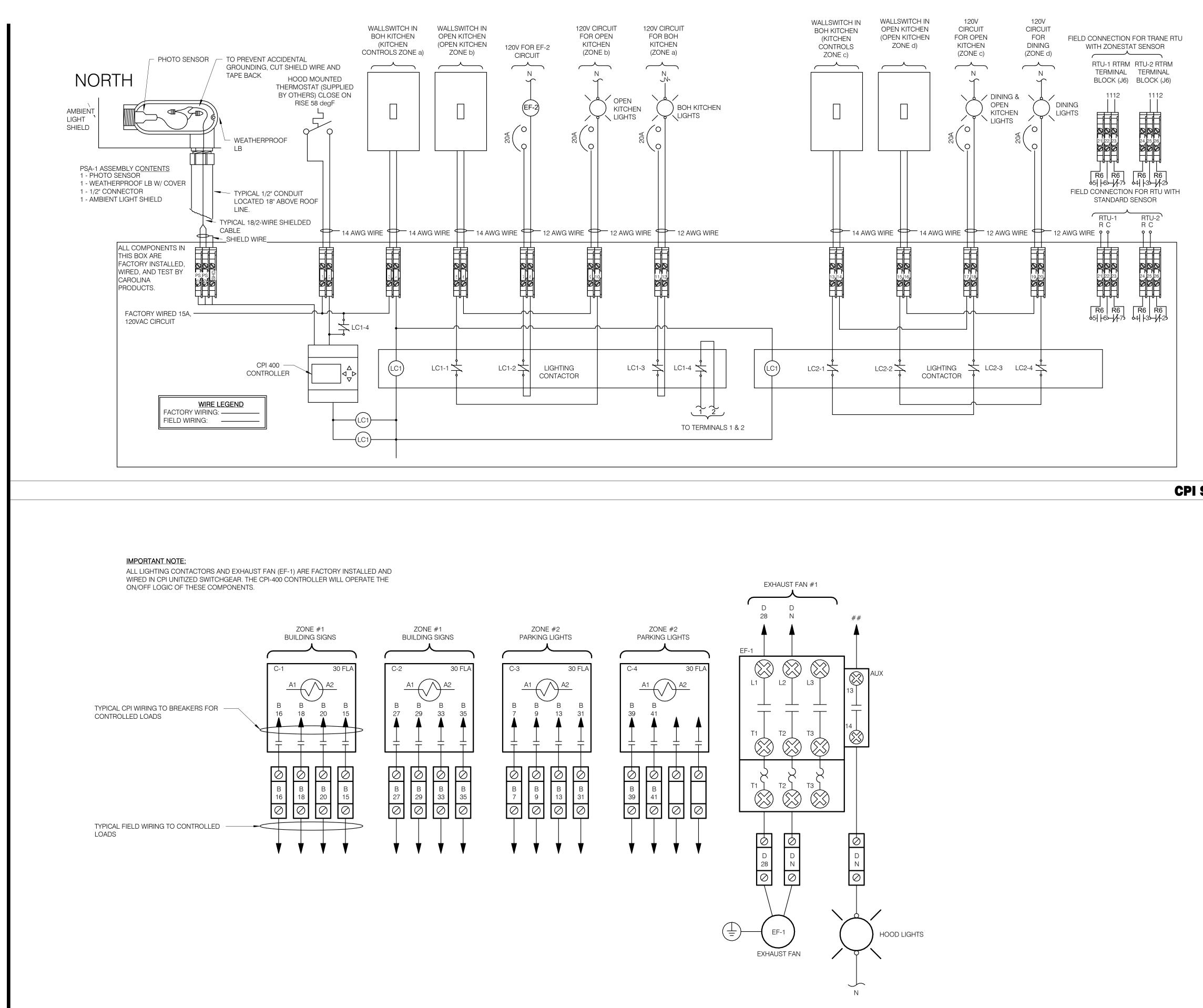


OPEN KITCHEN CALIFORNIA SOL

ELECTRICAL **DETAILS - TBCCB**

(FOR REFERENCE ONLY)





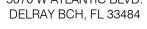


CPI SWITCHGEAR INTEGRATED CONTROL 6" = 1'-0" 1

04.06.18	ISSUED FOR PERMIT
07.25.18	ISSUED FOR BID

CONTRACT DATE:	01.08.18
BUILDING TYPE:	T40M-O
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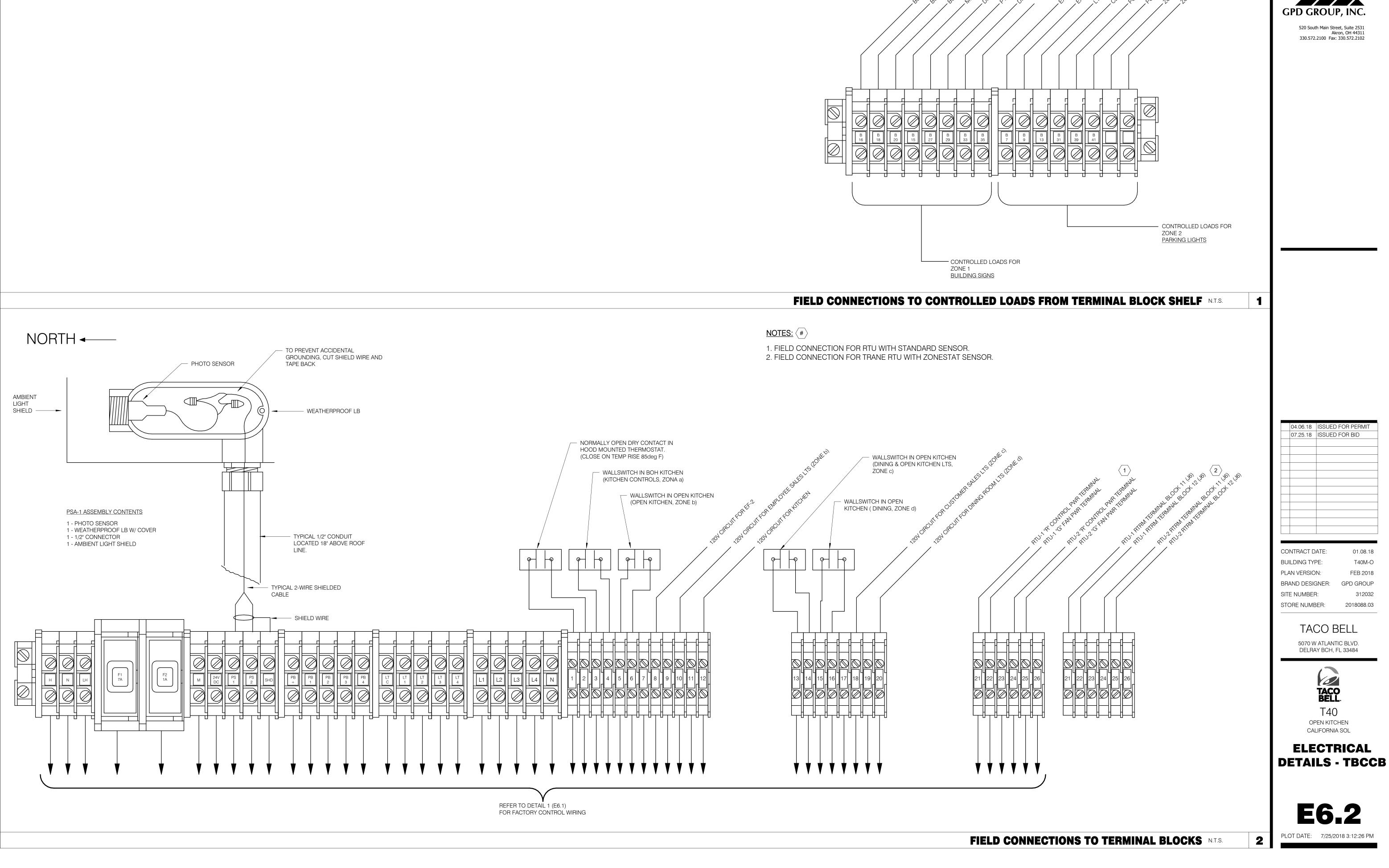


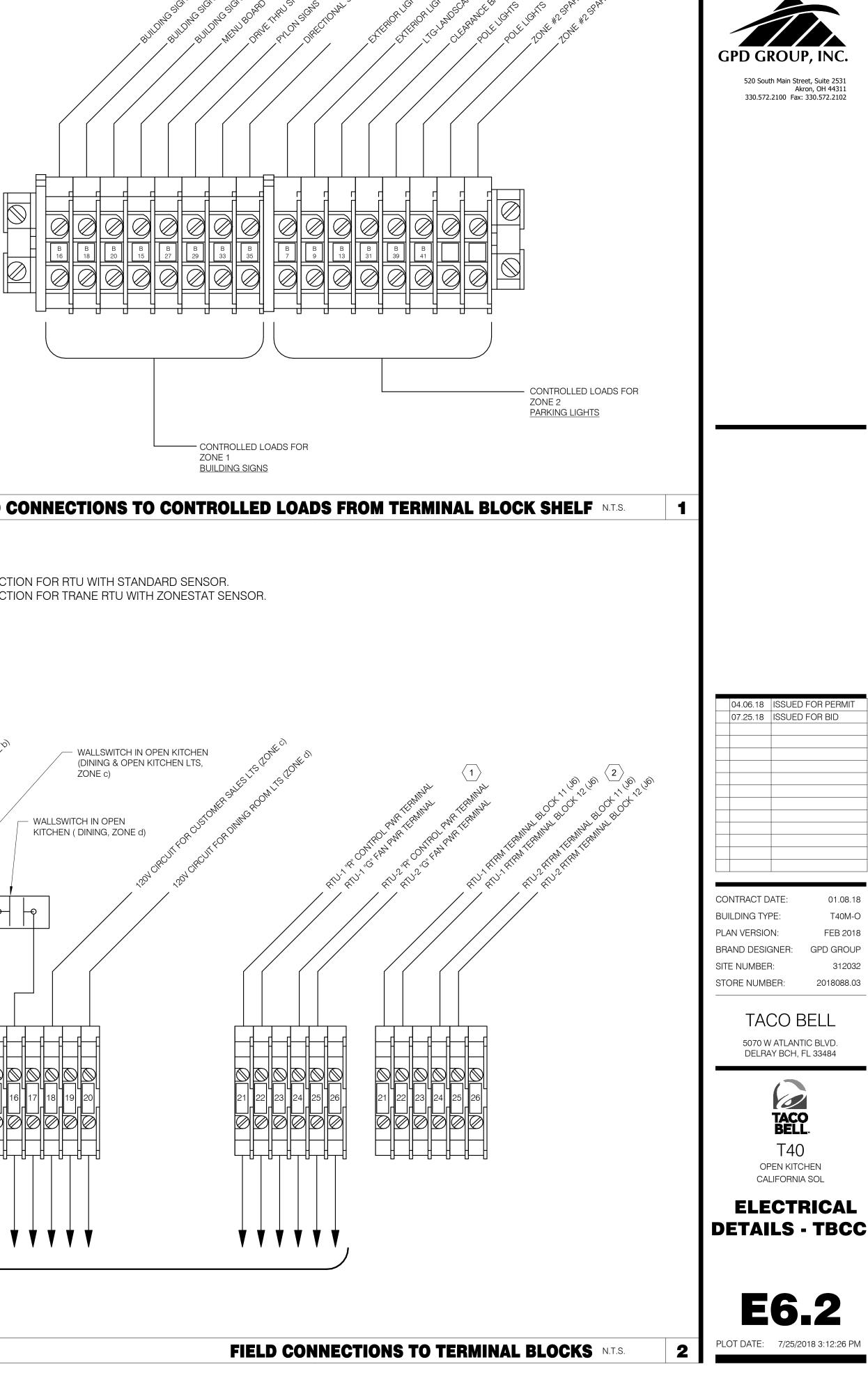


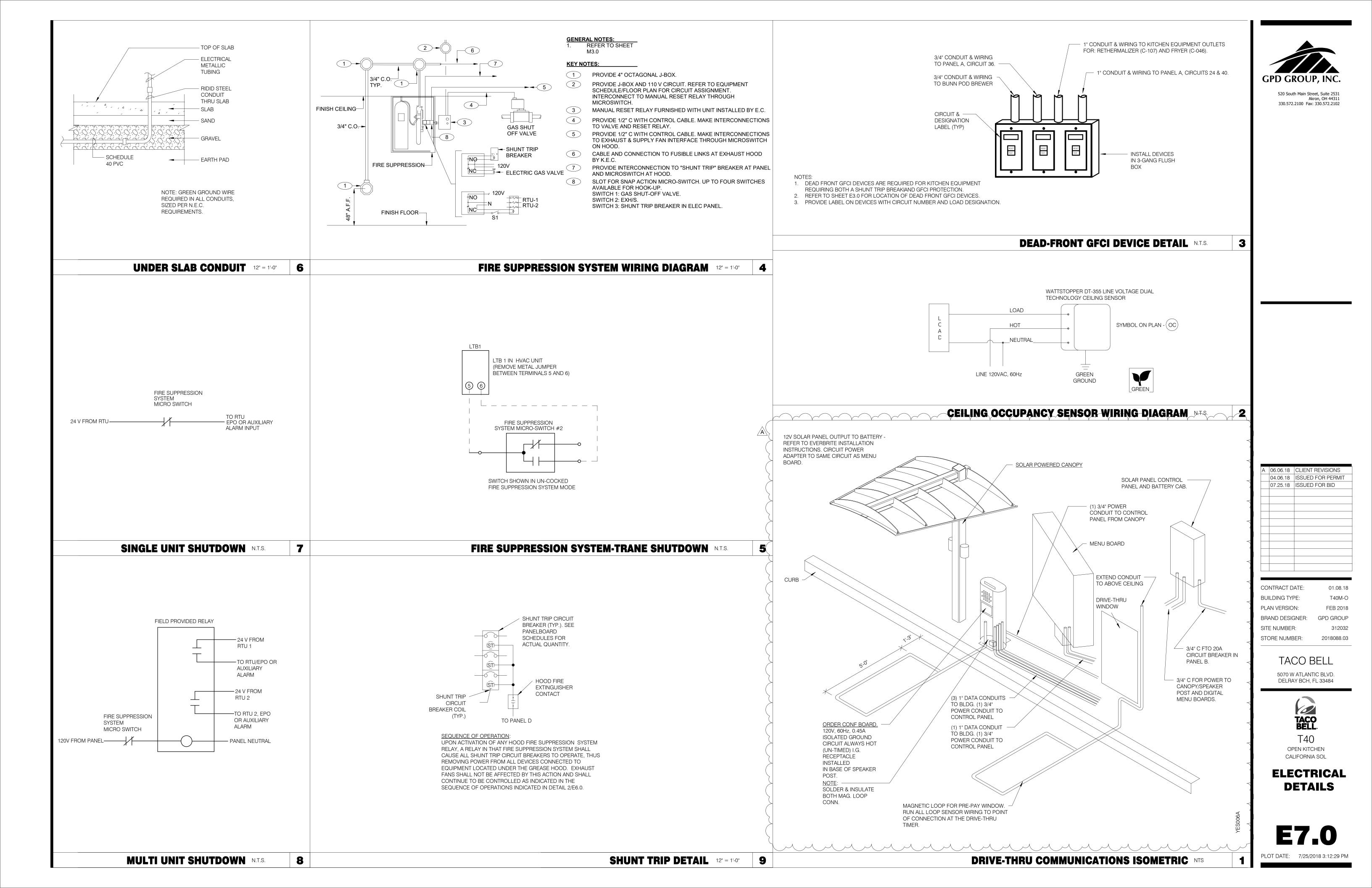












TITLE	DESCRIPTION	SUPPLIER
200	Roof Access Ladder & Hatch (T50 only)	Precision
341	Door - Security	LockNet
)290-1	Air Curtain (D/T Window)	Marley
0290-1	Air Curtain (Dri Vindow) Air Curtain (Service Door)	Marley
0290-2	Exterior Menu Board & Preview Board Housings	Everbrite
	Exterior Mend Board & Freview Board Hodsings	Order Matic Corporation
	Interior Menuboard	VGS
	Exterior Menuboard Strip, Interior Menu Board Panels, POP	Taco Bell Marketing (represents supplier "Archway")
0430	Signage (Bldg Signs, Road Signs, Directional Signs)	Everbrite
	orginago (Enag orgino, ritora orgino, En conortar orgino)	
10536	Canopies / Slat Walls /Flying Arches	Everbrite
10010		
10810	Restroom Accessories	Accuserv
11020-1	Safe	Brinks
11020-2	Coourity System	Type
11020-2	Security System Drive-thru Window	Tyco Quikserv
11030-3	Drive-thru Clearance Bar / Portal	Everbrite
11030-3		
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.
11100-3	P.O.S.	IBM
		NCR
		PAR
11100-4	Credit Card Payment System	Hughes Network Systems
11300-1	Order Confirmation Board (OCB)	Delphi Display Systems
		Hyperactive
		Texas Digital
11300-2	Drive-thru Speaker & Microphone	HME
		3M Food Services Trad Dept
11300-4	Order Confirmation Board (OCB) Canopy	Everbrite
11100 1		
11400-1	Kitchen Equipment	RSCS (Company stores only)
11400-5	GTO with EVO Production Line	Delfield
11400-5	GTO WITHEVO Froduction Line	Duke
		Carter Hoffman (EvO cabinets)
11405-3	Kitchen Shelving / Workstations	I.S.S.
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S.
	· · · · · · · · · · · · · · · · · · ·	Norlake
		Kolpak
11425	Exhaust Hoods	Stratovent (preferred supplier)
		Gaylord Industries (Broiler hood, preferred supplier)
		Randell (alternate supplier)
11430-2	Drink Dispensers / Line Sets	Pepsi
11435-6	Ice Machines	Manitowoc Ice Inc & Hoshisaki
11680	Office Computer (Taco System)	En Pointe Global Services
12100-1	Artwork	Creative Palette
12400-5	Décor	Clark and Riggs Printing
12400-0	Decor	iDx for transformational
12430	Fruitista Machine	Equipment Delivery, Install and Activation
		FBD Equipment Manufacturer
		Taco Bell Engineering
12440	Iced Tea	Tetley
13200		
1 3 71 11 1	CO2 - Bulk	MVE (bulk tank) NU CO2 (CO2 and service)
15200		
13700-4	CCTV	MARTCO
13700-4 13800-1	CCTV Lighting Control Panel - Exterior	MARTCO Accuserv
13700-4 13800-1 13800-2	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel	MARTCO Accuserv Air Care Experts
13700-4 13800-1 13800-2 13900-1	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System	MARTCO Accuserv Air Care Experts Ansul
13700-4 13800-1 13800-2 13900-1 15410	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks	MARTCO Accuserv Air Care Experts Ansul Aero
13700-4 13800-1 13800-2 13900-1 15410 15470-5	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo
13700-4 13800-1 13800-2 13900-1 15410 15470-5	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard)
13700-4 13800-1 13800-2 13900-1 15410 15470-5	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Heater	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water softener	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) -
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Heater	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp.
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water softener	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water softener	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores)
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only)
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter VVater Filter VVater Heater VVater softener HVAC - Test and Balance HVAC - Test and Balance	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only)
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1 16300-1 16300-2	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC Switchgear - Franchisee Switchgear - Company	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1 16300-1 16300-2	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter VVater Filter VVater Heater VVater softener HVAC - Test and Balance HVAC - Test and Balance	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 16300-1 16300-2 16500	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC - Test and Balance Switchgear - Franchisee Switchgear - Company Light Fixtures - Interior and Building	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 16300-1 16500 16520	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC Switchgear - Franchisee Switchgear - Company	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv Capital Light
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1 16300-2 16500 16520	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC - Test and Balance Switchgear - Franchisee Switchgear - Company Light Fixtures - Interior and Building Light Fixtures - Site	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv Capital Light Accuserv
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1 16300-2 16500 16520 16720 16820-3	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC - Test and Balance Switchgear - Franchisee Switchgear - Company Light Fixtures - Interior and Building Light Fixtures - Site	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv Capital Light Accuserv YUM! Telecom (Company stores)
13700-4 13800-1 13800-2 13900-1 15410 15470-5 15480-3 15500-1 15700-1 16300-2 16500 16520 16720	CCTV Lighting Control Panel - Exterior Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Panel Fire Suppression System Hand Sinks Water Filter Water Filter Water Heater Water softener HVAC - Test and Balance HVAC - Test and Balance Switchgear - Franchisee Switchgear - Company Light Fixtures - Interior and Building Light Fixtures - Site Telephone Communications	MARTCO Accuserv Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) - Test and Balance Corp. Melink Corp/ Air Care Experts Trane (Company stores) York International (Franchise only) Accuserv Accuserv Accuserv YUM! Telecom (Company stores) By owner through local phone service provider (franchise)

	MANUFACTURER'S MODEL	A&DITEM #	ORDERED BY	SHIPPED BY	IN
	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)			G
	DU3670L52VED	-	RSCS	RSCS	G
		B-151			G
	E4200-1175 VARIES	B-150	DIS CM (Company), CM or DIS		GF
	VARIES		(Franchise)		
	VGS #MB-MBD-I-10P	L-016	DIS		G
/")	- VARIES	- VARIES			0 M
	VARIES	VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	IVI
	VARIES	VARIES	(,		
	VARIES	VARIES	CM (Company) CM or DIS	Monufacturar	N 4
	VARIES VARIES	VARIES VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	M
	VARIES	VARIES	(
	VARIES	VARIES			G
	VARIES	F-452 (if indicated in plan set), B-241, B-265, B- 275, B-290 (where occurs), B-291 (where occurs), B-300, B-305, B-405, B-410	DIS	DIS	G
	Tidel Series 4 (duel single note validator, standard	F-174	СМ	BRINKS	В
	side vault)				
	- QKSRVSC4030BR	- B-140			GG
	-	-	СМ		G
	-	-	1		
	-	-	-		
	- WX8171	-	Manufacturer	Manufacturer	G
	-	VARIES	TB / IT		S
	-	VARIES]		
	-		TB / IT	Manufacturer	S
	- P6YUC5STDUSVV1S; P6YOCSSTDUSEN1S	- -	DIS		G
	TDMHX2H01TCB;TDMHX1H26	- L-090	1		
	AVNGE60	L-095			
	C400005HS3TB; C11422TB 78691149153; G55HSSINGLE	U-011; S-204	DIS	Manufacturer	G
	823NI6INX4X9CPY	- V-350	CM, Franchisee or DIS on	Manufacturer	G
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	VARIES VARIES	VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify	DIS	S
	VARIES	VARIES	vendor 2 weeks from install		
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	E56150000	S-546	DIS	Supplier	G
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	VARIES VARIES	S-580 S-580	DIS	DIS	Μ
		-	RSCS	MARTCO	M
	Cooper LT16	-		DIS	G
	TBCB-1	-	Contractor		Ai
	-	-	GC		GIC
	HS-Mod VVB6-M3-22-003	N-053	DIS DIS		GG
	AO Smith BTH-120 (standard)	B-215	RSCS		G
	-	B-215	1		
	-	-			Glc
	-	- -	Determined by CM or RCM; Approved options - GC	RCM; Approved	D
	-	-	CM/RCM	options - GC CM/RCM	
	VARIES		GC	Manufacturer	G
	VARIES Square-D and Cutler Hammer	- VARIES	DIS	DIS	G
	Square-D and Cutler Hammer	VARIES			G
		·····	CM at time of bid)		
	VARIES	-		,	G
	VARIES VARIES	- -	- GC DIS	Genesis - GC DIS	G
	-	-	ТВ		M
anchise)	-	-	Franchisee	Manufacturer	Μ
	-	F-131	ТВ		M
	42300.0008	S-547	RSCS GC		GG
					<u> </u>

NSTALLED BY	SHOP DRAWINGS
SC	
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ederal Heath Sign Co or GC	Х
ЭС	
DPS	
/anufacturer (Local Installer)	Х
Appufacturar (Lagal Installar)	x
lanufacturer (Local Installer)	^
3C	
BRINKS	
C	Х
6C 6C 6C	
GC	
SSP	Х
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SP SC (see Scope of Work notes)	
Core coupe of a work holes)	
GC	
GC (see Scope of Work notes)	Х
、 · · · · ·	
GC (see General Comments)	Х
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GC / Manufacturer (Local Installer)	Х
GC	
C or Manufacturer (up to CM's discretion)	х
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9C	Х
Pepsi (Local installer)	
Nanufacturer (Local Installer)	
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GC	x
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Service Agents - ICEE (East) or RepTec (West)	
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GC / Supplier	
Appufacturor (Local Installer)	
lanufacturer (Local Installer)	
IARTCO	Х
GC	
sir Care	
GC (Local Installer)	
C (see Vendor Scope - Pepsi Drink System)	
6C	
Determined by GC / CM / RCM	Х
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SC	
/anufacturer (Local Installer)	Х
Aanufacturer (Local Installer)	1
lanufacturer (Local Installer)	Х
6C	
ЭС	Х

Mark S. Salopek, LLC

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

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PLOT DATE: 7/25/2018 3:06:07 PM