



# BURGER KING

BKC # 886

1912 S MISSION RD.

MT. PLEASANT, MI 48858

## ADAAG/ANSI REQUIREMENTS

- PICTURE MENUS**
1. SIGNAGE MUST BE PROVIDED AT THE DRIVE UP MENU/DROPS INTERCOM INDICATING PICTURE MENUS AVAILABLE UPON REQUEST AT THE PICK-UP WINDOW.
  2. PROVIDE PICTURE MENUS AT THE WINDOW AND ORDER COUNTER.
- EXTERIOR ACCESSIBLE ROUTE**
1. EXTERIOR ROUTE REQUIRED TO BE FREE OF ABRUPT CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT. ADAAG 206.2.1, 206.2.2, 403.4, 303, ANSI 302.1
  2. ACCESSIBLE ROUTES ARE REQUIRED TO BE FREE OF CURBS GREATER THAN 1/2" WIDE. ADAAG 206.2.1, 206.2.2, 403.2, 302.3, ANSI 303.2
  3. ALL PEDESTRIAN PATHS ARE REQUIRED TO BE FREE OF OBJECTS PROTRUDING MORE THAN 4" (12" IF POST MOUNTED) SUCH AS SIGNAGE) HORIZONTALLY. BEHIND MINIMUM 80" HEAD CLEARANCE REQUIRED ALONG ALL PEDESTRIAN PATHS. ADAAG 307.4, ANSI 307.4
  5. ALL ACCESSIBLE PATHS TO BE AN AVERAGE SLOPE OF 2% OR LESS IN ANY DIRECTION.
- ACCESSIBLE CURB RAMPS**
1. ACCESSIBLE CURB RAMPS BETWEEN THE ROAD AND EVERY CURB RAMP IS REQUIRED. ADAAG 406.2, ANSI 405.2.2
  2. DETECTABLE WARNINGS ON CURB RAMPS MUST CONTRAST VISUALLY WITH THE ADJACENT SURFACES. ADAAG 705.1, ANSI 404.14
- ENTRY DOORS**
1. IF DOOR IS REQUIRED TO HAVE ISA DECAL. ADAAG 216.6, 703.5, ANSI 703.2.9
  2. ALL OPENING HARDWARE IS TO BE OPERATED WITH A CLOSED FIST. ADAAG 404.2.7, ANSI 404.2.6
  3. DOOR CLOSING SPEED IS TO BE 5 SECONDS OR MORE FROM 90 DEGREES TO 12 DEGREES FROM THE LATCH FOR ALL LEAVES OF THIS DOORWAY. ADAAG 404.2.8.1
  4. THE 1/2" HEIGHT HEIGHT MAY NOT EXCEED 1/2" MAXIMUM. ADAAG 404.2.5
  5. ENTRY THRESHOLDS MUST NOT HAVE ABRUPT PORTIONS THAT ARE 1/4" HIGH MAXIMUM. ADAAG 404.2.5, ANSI 404.2.4
  6. THE ENTRY THRESHOLD MUST HAVE A 12" MAXIMUM BEVEL FOR ANY PORTION THAT IS MORE THAN 1/4" HIGH. ADAAG 404.2.5, ANSI 303.3
  7. THE BEVEL SHALL BE SLOPED GREATER THAN 1/2" IN ALL DIRECTIONS. ADAAG 404.2.5, ANSI 404.2.3.5
- SERVICE COUNTER**
1. THE HEIGHT OF THE ACCESSIBLE ORDER COUNTER SHALL NOT EXCEED 34" MAXIMUM. ADAAG 902.3, (PREFERRED 33 1/2"), ANSI 904.4.2
  2. THE WIDTH OF THE ACCESSIBLE ORDER COUNTER SHALL NOT BE LESS THAN 36" MINIMUM. ADAAG 902.3, ANSI 904.4.2
  3. THE HEIGHT OF THE ACCESSIBLE PICK-UP COUNTER SHALL NOT EXCEED 34" MAXIMUM. ADAAG 902.3, ANSI 904.4.2
  4. THE WIDTH OF THE ACCESSIBLE PICK-UP COUNTER SHALL NOT BE LESS THAN 36" MINIMUM. ADAAG 902.3, ANSI 904.3
  5. THE CREDIT CARD READER SHALL BE IN REACH OR ON A CONTROL LONG ENOUGH TO BE REACHED BY A CUSTOMER WHO USES A WHEELCHAIR. ADAAG 308
  6. THE SIGNATURE PAD WRITING SURFACE IS REQUIRED TO BE 34" AFF MAXIMUM OR ON A CONTROL LONG ENOUGH TO REACH THE LAP OF A CUSTOMER WHOSE USES A WHEELCHAIR. ADAAG 902.4, ANSI 902.3
- SEAT SERVICE COMPONENTS AND DRINKS COUNTER**
1. SEATING TO HAVE AT LEAST ONE LINE OF SEATING CONTAINER, UTENSIL OR COMPONENT LOCATED WITHIN 48" MAXIMUM AFF OR 46" MAXIMUM AFF FOR DEPTH FROM 10" TO 24". ADAAG 308
  2. IF IT IS REQUIRED TO HAVE AT LEAST ONE OF EACH TYPE OF DRINK DISPENSER LOCATED WITHIN 48" MAXIMUM AFF OR 46" MAXIMUM AFF FOR DEPTH FROM 10" TO 24". ADAAG 308
  3. THE TOP OF EACH SEAT SERVICE COUNTER OR TRAY SLIDE IS NOT TO EXCEED 34" MAXIMUM AFF. ADAAG 902.3, (PREFERRED 33 1/2"), ANSI 904.5.2
  4. THE CONTROL OF EVERY DISPENSER IS REQUIRED TO BE OPERABLE WITH A CLOSED FIST OR FLAT HAND. ADAAG 309.4, ANSI 309.4
- INTERIOR ACCESSIBLE SEATING AND TABLES**
1. IT IS REQUIRED TO HAVE AT LEAST ONE INTERIOR ACCESSIBLE ROUTE SERVING EVERY ACCESSIBLE SEATING LOCATION. ADAAG 403, ANSI 403
  2. THE HEIGHT OF THE TABLE TOP IS REQUIRED TO BE BETWEEN 28" AND 34" MAXIMUM AT EVERY ACCESSIBLE SEATING POSITION. ADAAG 902.3, ANSI 902.3
  3. KNEE CLEARANCE OF 27" HIGH BY 30" WIDE BY 17" DEPT IS TO BE PROVIDED AT EVERY ACCESSIBLE SEATING POSITION. ADAAG 902.2, ANSI 902.2

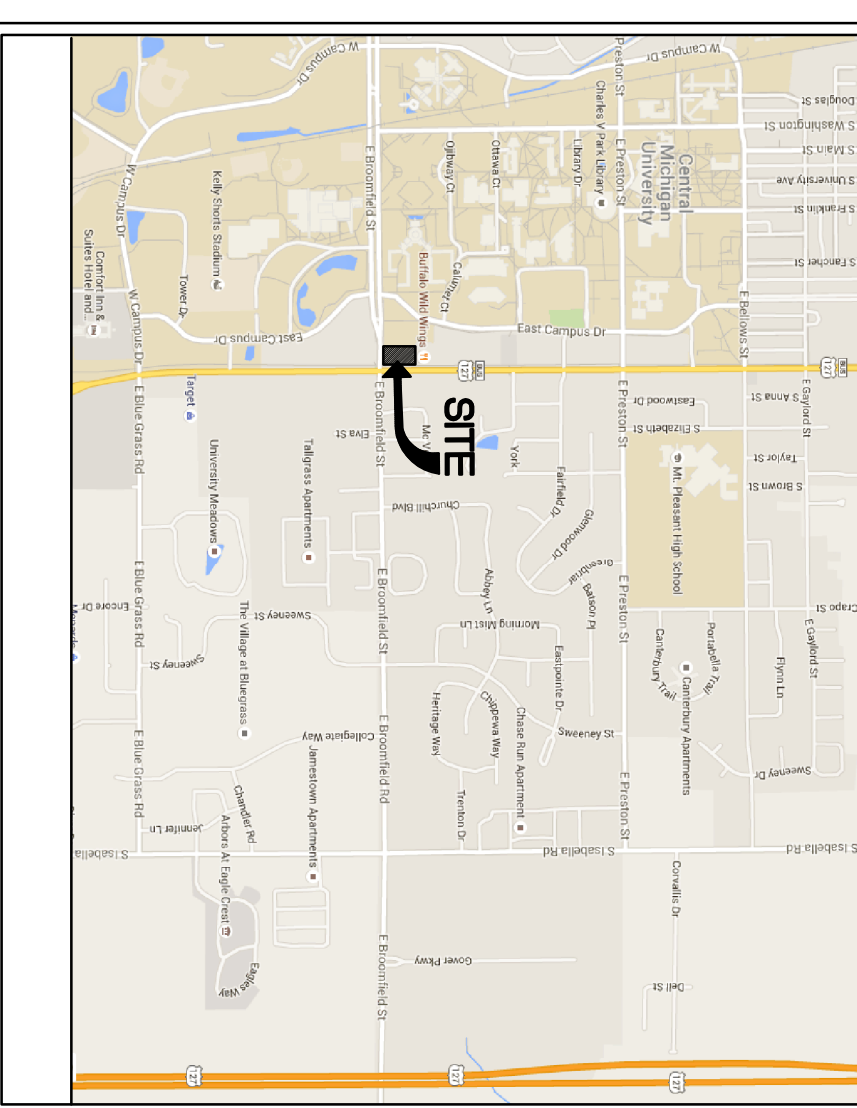
## ADAAG/ANSI REQUIREMENTS

- INTERIOR ACCESSIBLE ROUTES AND ELEMENTS**
1. ALL ACCESSIBLE ROUTES ARE REQUIRED TO BE STABLE, FIRM AND SLIP RESISTANT. ADAAG 206.2.4, 302.1, ANSI 302.1
  2. EXTERIOR ROUTE REQUIRED TO BE FREE OF ABRUPT CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT. ADAAG 206.2.4, 403.4, 303, ANSI 303.2
  3. ACCESSIBLE ROUTES ARE REQUIRED TO BE FREE OF CURBS GREATER THAN 1/2" WIDE. ADAAG 206.2.4, 403.2, 302.3, ANSI 302.3
  4. ACCESSIBLE ROUTES ARE TO HAVE RUNNING SLOPES 5% OR LESS. ADAAG 206.2.4, 403.3, ANSI 403.2
  5. ACCESSIBLE ROUTES ARE TO HAVE CROSS SLOPES 2% OR LESS. ADAAG 206.2.4, 403.3, ANSI 403.3
- PROTRUDING OBJECTS**
1. ALL PEDESTRIAN PATHS ARE TO BE FREE OF OBJECTS PROTRUDING MORE THAN 4" (12" IF POST MOUNTED) SUCH AS SIGNAGE) HORIZONTALLY. BETWEEN 27" AND 80" HIGH. ADAAG 307.2, ANSI 307.3
  2. THE MINIMUM HEAD CLEARANCE ALONG ALL PEDESTRIAN PATHS. ADAAG 307.4, ANSI 307.4
- RESTROOMS**
1. A SIGN MUST BE LOCATED OUT OF THE SWING OF ANY DOOR AT THE LATCH SIDE OF THE RESTROOM DOOR. ADAAG 703.4.2, ANSI 703.3.11
  2. THE RESTROOM SIGN MUST HAVE TACTILE CHARACTERS THAT ARE RAISED AT LEAST 1/8" ABOVE THE SURFACE. ADAAG 703.4.2, ANSI 703.3.11
  3. THE RESTROOM SIGN MUST HAVE TACTILE CHARACTERS WITH HEIGHT BETWEEN 3/8" AND 7/8" ADAAG 703.2.5, ANSI 703.2.4, TABLE 703.2.4
  4. THE RESTROOM SIGN WILL HAVE THE LOWEST TACTILE CHARACTER 48" MIN. AND THE BASELINE OF THE HIGHEST TACTILE CHARACTER 80" MAX. ADAAG 703.4.1, ANSI 703.3.10
  5. THE RESTROOM SIGN MUST BE NON-GLARE AND THE CHARACTERS 1/32" CONTRAST WITH THE BACKGROUND. ADAAG 703.5.1, ANSI 703.5.3
  7. THE FLOOR SURFACES IN THE RESTROOM CANNOT BE SLOPED GREATER THAN 2% IN ALL DIRECTIONS WITH NO ABRUPT CHANGES IN LEVEL GREATER THAN 1/2" HIGH AND NO CURBS GREATER THAN 1/2" WIDE. ADAAG 206.2.4, 302.3, 303, 403.2, 403.3, 404.4, ANSI 302.2, 303.3, 403.3, 403.3
  8. HAND OPENING AND 22" MAX AFF OR 24" BE OPERATED WITH A CLOSED FIST OR A FLAT HAND. ADAAG 404.2.5, ANSI 404.2
  9. OPENING FORCE FOR ALL ACCESSIBLE INTERIOR AND EXTERIOR DOORS WILL NOT EXCEED 5 LBS. ADAAG 404.2.9, ANSI 404.2.9
  10. DOOR CLOSING SPEED WILL BE 5 SECONDS OR MORE FROM 90 DEGREES TO 12 DEGREES FROM THE LATCH FOR ALL LEAVES OF THIS DOORWAY. ADAAG 404.2.8.1, ANSI 404.2.7.1
  11. THE DOOR OR HAVE ABRUPT PORTIONS THAT ARE 1/2" HIGH MAX. THE THRESHOLD MAY HAVE A 12" MAX BEVEL FOR ANY PORTION THAT IS GREATER THAN 1/2" HIGH. ADAAG 404.2.5, ANSI 404.2.4
  12. THE REQUIRED MAINTENANCE SPACES ON EACH SIDE OF THE DOOR MAY BE SLOPED 2% OR LESS IN ALL DIRECTIONS. ADAAG 404.2.4, ANSI 303.2
  13. ALL ACCESSIBLE ENTRY PRES MUST BE SLOPED OR OTHERWISE
  14. THE FACILEIT HARDWARE AT THE ACCESSIBLE ENTRY MUST BE AUTOMATIC OR OPERABLE WITH A CLOSED FIST OR FLAT HAND. ADAAG 213.3.4, 606.4, ANSI 606.4
  15. THE DIAPER CHANGING STATION MUST BE ON AN ACCESSIBLE ROUTE WITH AN ACCESSIBLE CLEAR FLOOR SPACE. ADAAG 305, 902.1, 902.2, ANSI 308
  16. THE DIAPER CHANGING STATION MUST BE ON AN ACCESSIBLE ROUTE SERVING OR TRAVELING THE WASH AND REQUIRE 5 LBS OR LESS TO OPERATE. ADAAG 205, 309.4, ANSI 309.4
  17. A HORIZONTAL REAR WALL GRAB BAR MUST BE PROVIDED THAT IS 1 1/2" TO 2" IN DIAMETER, 36" LONG MIN. EXTENDING 12" MIN FROM THE TOILET CENTERLINE TOWARDS THE NEAR SIDE WALL AND WITH NO OBSTRUCTIONS WITHIN 12" ABOVE THE TOP OF THE GRIPPING SURFACE AND WITH NO OBSTRUCTIONS WITHIN 12" ABOVE THE REAR WALL. GRAB BARS MUST BE AUTOMATICALLY OPERATED AND BE OPERABLE WITH NO MORE THAN 5 LBS OF PRESSURE. ADAAG 605.4, ANSI 604.6
  20. GRAB BARS AT THE REAR WALL SHALL BE AT LEAST 42" LONG POSITIONED NO MORE THAN 12" FROM THE REAR WALL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG. VERTICAL GRAB BARS TO BE 18" IN LENGTH AND 39.41" AFF AND 39.41" FROM REAR WALL (BC 1601.7) & ANSI 604.6.4.1) (ICC/ANSI 117.1-2009 FIG. 604.5.1) ANSI 604.5.1, 607.4

## CODE INFORMATION

PROJECT SCOPE:	REMODEL OF EXISTING BURGER KING RESTAURANT
APPLICABLE CODES:	2012 MICHIGAN BUILDING CODE 2014 MICHIGAN ELECTRICAL CODE 2012 MICHIGAN MECHANICAL CODE 2012 MICHIGAN MECHANICAL CODE ICC ANS 117.1-2009 2009 MICHIGAN UNIFORM ENERGY CODE A-2: ASSEMBLY (NON-SPRINKLED) V-B: WOOD FRAME
OCCUPANCY TYPE:	A-2: ASSEMBLY (NON-SPRINKLED)
CONSTRUCTION TYPE:	V-B: WOOD FRAME
PROPOSED OCCUPANCY LOAD CALCULATIONS:	
TOTAL AREA OF BUILDING:	2850 SF
EXISTING SEAT COUNT:	46
PROPOSED SEAT COUNT:	46
NUMBER OF EMPLOYEES (INCLUDING OWNERS AND MANAGERS):	6
TOTAL:	52
RESTROOM PLUMBING FIXTURES	
FROM 2012 IBC, TABLE 2902.1	
BUILDING OCCUPANCY CALCULATION FROM TABLE 1004.1.1:	
MAXIMUM OCCUPANTS (GREATEST OF OCCUP. CALCULATION OR SEAT COUNT NUMBERS) = 42	
50% MALE AND 50% FEMALE = 21/21 = 26 EACH	
26/7.5 = 3.5 RESTROOM (TABLE 2902.1)	
26/200 = 0.13 = 1 LAV EACH RESTROOM (TABLE 2902.1)	

## VICINITY MAP (N.T.S.)



## SHEET INDEX

SHEET #	TITLE
T-1	TITLE SHEET
C-1	DEMO SITE PLAN
C-2	PROPOSED FLOOR PLAN
C-3	SITE DETAILS
<b>ARCHITECTURAL</b>	
D-1	DEMOLITION PLAN
D-2	DEMO EXTERIOR ELEVATIONS
A-1	PROPOSED FLOOR PLAN & DOOR SCHEDULE
A-1.1	DOOR WINDOW SCHEDULE
A-2	PROPOSED EXTERIOR ELEVATIONS
A-3	DEMO & PROPOSED RESTROOM LAYOUTS
A-4	PROPOSED RESTROOM ELEVATIONS & DETAILS
A-5	REFLECTED CEILING PLAN
A-6	WALL SECTIONS & DETAILS
A-7	MANUFACTURERS & SUPPLIERS

## NOTICE TO BIDDERS

THE GENERAL CONTRACTOR, ITS SUBCONTRACTORS, AND VENDORS SHALL REVIEW THE PROPOSED SITE FOR BIDDING PURPOSES AND TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS OF THE SITE AND PROPOSED SPACE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS DRAWINGS AND THE EXISTING CONDITIONS OF THE SITE SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND OWNER BY THE GENERAL CONTRACTOR FOR CLARIFICATION, BY FAILURE TO CLARIFY DISCREPANCIES, GC SHALL BEAR RISK AND COST, AT NO CHARGE TO OWNER TO RECTIFY.

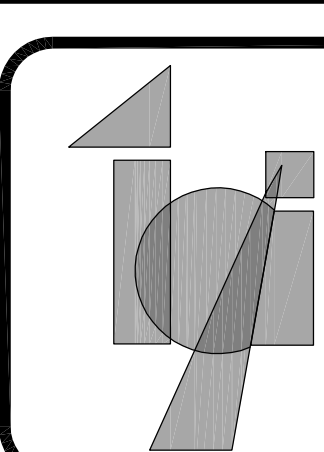
GC AND VENDOR TO CHECK WEBSITE AND CALL/EVAL ARCHITECT IN REGARDS TO MOST RECENT DRAWINGS BEFORE ORDERING, MANUFACTURING, AND GOING TO SITE.

## PROJECT DATA

PROJECT LOCATION:	OWNER:	ARCHITECT/ENGINEER:
1912 S MISSION RD. MT PLEASANT, MI 48858	EMIL J. SACCO JR.	TECHNICAL GROUP, INC. 37716 HILLS TECH DR FARMINGTON HILLS, MI 48331
		P: (248) 426-8000
<b>LOCAL AUTHORITIES</b>		
DEPARTMENT OF BUILDING SAFETY		
320 W BROADWAY MT PLEASANT, MI 48852		
BUILDING OFFICIAL BRANK KENCH (313) 775-5247		



TECHNICAL GROUP, INC.  
37716 Hills Tech Drive  
Farmington Hills, MI 48331  
(248) 426-8000  
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No.	Date	By	Notes
1	6.28.16	DB	SUBMITTED FOR PERMIT

Drawn By/TC  
Checked/ES  
Scale: AS NOTED  
Date: 04.05.16

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PROJECT	BURGER KING #886 1912 S MISSION RD MT. PLEASANT, MI 48858
SHEET TITLE	TITLE SHEET

JOB #	TG-16379
SHEET	T-1