

VARIANCE FEES

MGO \$50.00
 COMM \$490.00
 Priority - Double above

PETITION FOR VARIANCE APPLICATION

City of Madison
 Building Inspection
 Division
 215 Martin Luther King Jr. Blvd.
 Madison, WI 53703
 (608) 266-4568

Amount Paid
\$490 H 6.21.13

Name of Owner	Project Description	Agent, architect, or engineering firm
Company (if applies)	Exterior remodel, cash booth addition, vestibule relocation, interior remodel	haag muller, inc.
MC DONALD'S CORPORATION		No. & Street
No. & Street	Tenant name (if any)	101 E. Grand Ave., Suite 1
1650 W. 82 ND St., Suite 900	McDONALD'S	City, State, Zip Code
Bloomington, MN 55431	Building Address	Port Washington, WI 53074
Phone	2402 SOUTH PARK STREET	Phone
		(262) 268-1200
e-mail		Name of Contact Person
		Steve Jeske
		e-mail
		sjeske@haagmuller.com

- The rule being petitioned reads as follows: (Cite the specific rule number and language. Also, indicate the nonconforming conditions for your project.)
SEE ATTACHED LETTER
- The rule being petitioned cannot be entirely satisfied because:
SEE ATTACHED LETTER
- The following alternatives and supporting information are proposed as a means of providing an equivalent degree of health, safety, and welfare as addressed by the rule:
SEE ATTACHED LETTER

Note: Please attach any pictures, plans, or required position statements.

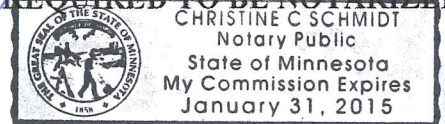
VERIFICATION BY OWNER – PETITION IS VALID ONLY IF NOTARIZED AND ACCOMPANIED BY A REVIEW FEE AND ANY REQUIRED POSITION STATEMENTS.

Note: Petitioner must be the owner of the building. Tenants, agents, contractors, attorneys, etc. may not sign the petition unless a Power of Attorney is submitted with the Petition for Variance Application.

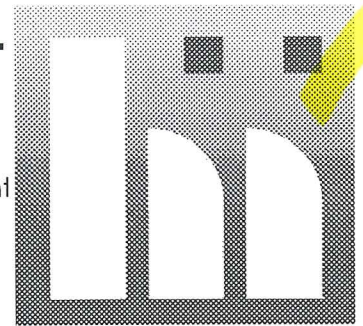
Vicky Stadther, being duly sworn, I state as petitioner that I have read the foregoing petition, that I believe it to be true, and I have significant ownership rights in the subject building or project.

Signature of owner <u>V. Stadther</u>	Subscribed and sworn to before me this date: <u>June 14, 2013</u>
Notary public <u>[Signature]</u>	My commission expires: <u>Jan. 31, 2015</u>

NOTE: ONLY VARIANCES FOR COMMERCIAL CODES ARE REQUIRED TO BE NOTARIZED.



Letter of Transmittal



ATTN: Inspection Division
TO: Madison Municipal Building
215 Martin Luther King Jr. Blvd.
Suite LL 100
Madison, WI 53703

DATE: 6/20/2013
PROJECT: McDonald's Restaurant Remodel
PROJECT # 1201104

haag müller, inc.

Architecture • Engineering • Interiors
101 East Grand Avenue, Suite 1
Port Washington, Wisconsin 53074
262.268.1200 www.haagmuller.com

We are sending you the following:

Attached Under Separate Cover

VIA: Postal UPS Hand Deliver Pick-Up Courier

FOR YOUR: Approval Use File
 Distribution Use as Requested Other

COPIES	ITEM	DESCRIPTION
1	Form	Petition for Variance Application
1	Check	Petition for Variance Fee
1	Form	Fire Department Position Statement
1	Letter	Addressing items 1, 2, and 3 on the Application.
1	Set	24X36 Drawing set containing sheets G-1.1, A-1.1, A-1.3, and V-1.
1	Set	11X17 Drawing set containing sheets G-1.1, A-1.1, A-1.3, and V-1.

REMARKS:

BY:
Jason Ahrens Haag Müller, Inc.

COPY TO: Project File

Owner: McDonald's Corporation	Tenant Name: McDonald's	Contact: Haag Muller, Inc
Address: 4320 Winfield Rd Suite 400 Warrenville, IL 60555	Building Location: 2402 S Park Street	Address: 101 E Grand Ave Suite 1 Port Washington, WI 53074
Name of Owner	Building Occupancy or Use: Assembly Group A2 - Restaurant	Phone: 262-268-1200


IBC 903.2.1.2

City of Madison Fire Department Position Statement

I have read the application for variance and recommend: (check appropriate box)

Approval Conditional Approval Denial No Comment

- This is an existing single story building built for and still used specifically for a fast food restaurant use.
- The existing building has a basement that is not separated from the first floor. The remodel will add a 2-hr fire barrier at the bottom of the stairs.
- The existing occupant load is 138 persons while the new occupant load after remodeling will be 136 people.
- The proposed addition is less than 2% of the overall building and the new total building square footage is 5199 Sqft.

Name of Fire Chief or Designee (type or print) Bill Sullivan, Fire Protection Engineer	
City of Madison Fire Department	Telephone Number 608-261-9658
Signature of Fire Chief or Designee 	Date Signed June 6, 2013



Architecture•Engineering•Interiors
101 East Grand Avenue, Suite 1
Port Washington, Wisconsin 53074
262.268.1200 www.haagmuller.com

May 13, 2013

City of Madison – Building Inspection Division

City of Madison
Building Inspection Division
215 Martin Luther King Jr. Blvd.
Madison, WI 53703

Re: Petition for Variance
McDonald's Restaurant
2402 South Park Street
Madison, WI

To Code Official,

This attachment accompanies the Petition for Variance Application. It provides detailed information for items 1 through 3 on the application, and is to be considered a part of that form.

This petition is specific to the McDonald's Restaurant project, noted above. It is specifically for the 100 s.f. cash booth addition, and the relocation of the drive-thru side vestibule for the restaurant.

- 1) The rule being petitioned reads as follows: (Cite the specific rule number and language. Also, indicate the nonconforming conditions for your project.)
Section 903 [F] 903.2.1.2 Group A2. An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:
1. The fire area exceeds 5,000 square feet;

The remodeled square footage will be 5,199 s.f., which is over the 5,000 s.f. requirement for fire separation.

- 2) The rule being petitioned cannot be entirely satisfied because:
This request is not about why compliance cannot be attained. It is possible to separate the addition with fire rated construction, thus providing two separate fire areas, and avoiding the sprinkler requirement. However, this request is about the **safety of separating the additions** and whether or not **safety is impacted by rating or not rating the addition**.

Specific Case Scenario:

McDonald's Restaurant, Madison, WI. This is an existing building, originally constructed in the 1970's. The current square footage of the building is 4,979 square feet (SF). The building is not sprinkled. In order to meet current McDonald's Design requirements to speed the efficiency of the drive thru, increased spacing is required between the cash booth window (where the drive thru customer pays for their order) and the presenter window (where they are presented their food order). Most McDonald's Restaurants constructed prior to the mid 1990's do not have this proper window spacing. To facilitate this, we are moving the existing cash booth window back a few feet by providing a small booth expansion, 100 SF in size.

We are also demolishing an existing vestibule on the drive-thru side of the building and relocating the vestibule closer to the front of the building. This

vestibule will also be fully accessible for both ingress as well as egress, which the existing vestibule is not.

Since the proposed additions would bring the building to over 5,000 SF, and it is not sprinkled, an addition would trigger 903.2.1.2. To avoid the sprinkler system requirement in the past, we have been separating the additions from the existing building, creating separate fire areas. This keeps the original building grandfathered under the code in which it was built - which did not require sprinklers. We could continue this design practice and meet the *letter of the code*. However, we believe this does not meet the spirit of the code which looks to maintain or *increase safety*. We believe the method described above could potentially be less safe than leaving the cash booth open to the kitchen area.

OPERATIONAL ANALYSIS:

The existing restaurant already has drive thru window service processes, and the existing vestibule, so the cash booth addition and vestibule relocation are not adding new business procedures to the restaurant operations, nor are any additional employees (occupants) added to staff the booth or vestibule. This means there is no change in life safety from a procedural stand point. When the cash booth needs staffing during peak hours, a staff member is typically moved from a front counter station to the booth station. In this specific case, the booth is already present; its existing window position is simply being shifted via a small booth expansion. Therefore, from an operational aspect, there is no decrease or change in life safety to the existing building in regards to the cash booth addition.

As a result of relocating of the drive-thru side vestibule, it will be upgraded to being fully accessible, which the existing vestibule is not. Therefore, this will increase the safety of the occupants and make it easier to enter and exit the building.

PHYSICAL SEPARATION ANALYSIS:

Separating the addition from the existing building requires fire barriers and a fire door to create separate fire areas. By adding a fire door to the cash booth, the employee in the cash booth is isolated from the rest of the kitchen staff, including kitchen operations. In the event of an emergency (kitchen fire or other), there could be a delay in the booth employee becoming aware of the danger with the door closed (no sight, sound, or smell connection to kitchen), leaving the employee isolated in the booth as the emergency potentially escalates.

Once the booth employee becomes aware of the emergency, it may be too dangerous to exit through the kitchen. And exiting the booth via the drive thru window would be problematic due to the window's small size. An exterior exit door from the booth is not an option due to space limitations and equipment.

PROJECT SCOPE ANALYSIS:

The addition for the McDonald's Restaurant in Madison is **100 square feet** in size. That computes to 2% of the total overall existing building square footage. In our opinion, adding 2% to the overall building does not bring it from a safe condition to an unsafe condition. If all Group A-2 (restaurant) uses greater 5,000 SF and having no sprinkler system posed a dangerous

fire hazard, the code would require sprinklers be installed in all restaurants over 5,000 SF, regardless of whether an addition was being added. And of course that is not the case.

3) The following alternatives and supporting information are proposed as a means of providing an equivalent degree of health, safety, and welfare as addressed by the rule.

We propose the "pre-cash booth addition and vestibule location" versus the "post-cash booth addition and vestibule relocation" conditions are essentially equivalent. The drive thru operation and vestibule are already existing. There is no increase in occupant load, no change in exiting patterns, and of course no use group change. The level of life safety remains unchanged. Although the building is 2% larger, this is an insignificant increase in size.

Our proposal to provide equivalency to this project is to provide new emergency lighting (compliant to current building code FC requirements) from our cash booth addition to the two exit points out of the kitchen. We also propose providing new emergency lighting throughout the dining space leading to the exits. By providing code compliant emergency lighting from the booth and throughout the dining space, we are increasing safety when compared to the current conditions. Not only does the proposed lighting assist the employee assigned to the cash booth, it assists all building employees working in the kitchen as well as customers and employees in the dining space get out of the building by exit along an illuminated path of travel in an emergency or simple power outage event.

List attachments to be considered as part of the petitioner's statements:

- This attachment letter, addressing items 1 – 3.
- McDonald's Restaurant Madison, WI Construction Documents:
 - Floor Plan showing cash booth addition and relocation of vestibule
 - Cash Booth Addition Plan.
 - Fire Chief Position Statement Letter
 - Previous State Approval Letters for other nearly identical scenarios.

Finally, to summarize this variance request, we are asking for:

1. The variance be granted based on the above rationale for the McDonald's Restaurant located at 2402 South Park Street in Madison, Wisconsin.

Thank you for your consideration of this variance request. Should you require any additional information, please contact us at (262) 268-1200 or via email at sjeske@haagmuller.com.

McDonald's – Madison Park Street
Petition for Variance Request

May 13, 2013

Respectfully Submitted,



Stephen L. Jeske, AIA.

haag müller, inc.

Architecture • Engineering • Interiors

McDonald's

LONG TERM REINVESTMENT BUILDING PROGRAM

McDONALD'S RESTAURANT

2402 S. PARK ST.
MADISON, WI 53713

STATE SITE ID# 480049
NATIONAL SITE ID# 79

McD's AREA CONST. MGR.:

DALE SHIMEK
1650 WEST 82 ST. SUITE 900
BLOOMINGTON, MN 55431
PH: (952) 486-4155
FAX: (952) 885-4769
email: dale.shimek@us.mcd.com

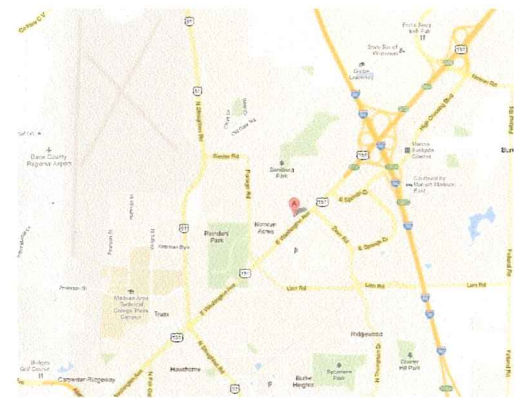
OWNER/OPERATOR:

CHARLES (DION) CONN
S40 W22690 SOMMERS HILL DR.
WAUKESHA, WI 53189
PH: (414) 324-7004
FAX: (262) 549-6373
email: charles.conn@us.mcd.com

Providing a layered and methodical approach to reinvestment decisions that focuses on maximizing returns, growing market share, and strengthening our brand identity with our customers, yet develops a customer experience which is relevant to them and the current social culture.



SITE AERIAL VIEW



VICINITY MAP

DRAWING INDEX						
NO.	REVISIONS	Sht. No.	SHEET TITLE			
1	2	3	4	5	6	7
GENERAL						
▲	▲					G-1.1 COVER SHEET
CIVIL & SITE						
▲						1 PLAT OF SURVEY
▲						C-1.1 SITE LAYOUT PLAN
▲						C-1.2 GRADING PLAN
						SD-1.1 ENLARGED DRIVE THRU LAYOUT PLAN
						SD-1.2 ENLARGED DRIVE THRU LAYOUT PLAN
						SD-1.3 ENLARGED DRIVE THRU LAYOUT PLAN
						SD-2 EVERBRITE REFERENCE SHEET
						SD-3 SITE DETAILS
						SD-4 SITE DETAILS
						SD-5 TRASH ENCLOSURE DETAILS
▲						L-1.0 LANDSCAPE PLAN
ARCHITECTURAL						
▲						D-1.1 FLOOR & ROOF DEMO PLANS
▲						D-1.2 ELEVATION DEMO PLAN
▲	▲					A-1.1 FLOOR PLAN
▲	▲					A-1.2 ROOF PLAN
						A-1.3 CASH BOOTH ADDITION & FOUND. PLAN
▲	▲					A-2.1 EXTERIOR ELEVATIONS
▲	▲					A-2.2 EXTERIOR ELEVATIONS
▲	▲					A-3.1 BUILDING SECTIONS
▲	▲					A-3.2 BUILDING SECTIONS
▲	▲					A-3.3 BUILDING SECTIONS
▲	▲					A-3.4 BUILDING SECTIONS
▲	▲					A-3.5 DETAILS
						A-3.6 DETAILS
						A-3.7 EIFS DETAILS
						A-3.8 THIN BRICK DETAILS
▲						A-4.1 ENLARGED RESTROOM PLAN & DETAILS
PLUMBING						
						PD-1.1 PLUMBING - DEMOLITION PLAN
						P-1.0 PLUMBING - FOUNDATION PLAN
						P-1.1 PLUMBING - FLOOR PLAN
						P-1.2 PLUMBING - NOTES, DETAILS, AND SCHEDULES
MECHANICAL						
						M-1.0 HVAC - DEMOLITION PLAN
						M-1.1 HVAC - ROOF PLAN
						M-1.2 HVAC - FLOOR PLAN
						M-3.0 HVAC - DETAILS
						M-4.0 HVAC - NOTES
						M-4.1 HVAC - SCHEDULES

FINAL CONSTRUCTION DRAWINGS PLAN APPROVALS

By McDonald's Corporation:

Construction Engineer: _____ Date: _____
 Licensee/Director of Operations: _____ Date: _____
 Operations Manager/Field Service Manager: _____ Date: _____
 Area Supervisor/Field Consultant: _____ Date: _____
 Owner: _____ Date: _____

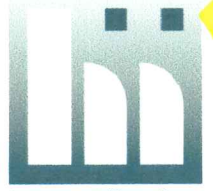
CODE REVIEW BELOW DOES NOT INCLUDE EVERY SINGLE REQUIRED CODE SECTION FOR THIS PROJECT. HOWEVER, IT HIGHLIGHTS THE MAJOR CODE ISSUES APPLICABLE TO THIS PROJECT. ALL CONTRACTORS AND SUB-CONTRACTORS SHALL REVIEW THE CODE SUMMARY BELOW AND PROVIDE GOODS AND SERVICES IN COMPLIANCE WITH THE CODES.

<p>CODE REVIEW - McDONALD'S RESTAURANT CODE USED FOR REVIEW: 2009 IBC, ALL COMMERCIAL BUILDING CODE 5653&0-366, 371, 384, ICC/ANSI A117.1-2003, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN</p> <p>Existing Building gross square footage = 4575 sq. ft. (3846 main floor + 1071 base) Proposed Building gross square footage = 5789 sq. ft. (4670 main floor + 1021 base) NOTE: Basement is being fire separated from main floor. This limits the fire area to under 5,000 sq. ft.</p> <p>Code Review Notes: * This code review may use abbreviated or paraphrased descriptions of the sections, tables etc. described below. Or it may give a design solution to the requirement of the code section. † Calculations are typically rounded to the nearest half number.</p> <p>3031 Occupancy: Assembly Group 2 (A-2)</p> <p>6025 Construction type: VB</p> <p>Table 601 Exterior Walls: 0 hour fire resistance rating req'd. Steel Beams and Columns: 0 hour fire resistance rating req'd.</p> <p>Table 503 Type VB allows: (1) 1 story and 6,000 sq. ft. Section 906.3 Automatic sprinkler system increase allows a 300% increase on a one story building therefore 18,000 sq. ft. is allowed.</p> <p>705.2 Exterior wall projections from walls Types III, IV & V shall be of any approved material.</p> <p>Table 705.8 Max. area of exit, all openings: Protected E: 20 feet + NO LIMIT Unprotected E: 30 feet + NO LIMIT.</p> <p>705.1 Paragraphs not required per exception 6.</p> <p>506.1 PORTABLE FIRE EXTINGUISHERS Where Required: - Provide fire extinguishers per the IRC and maintain per NFPA 10. - Within 30' of commercial cooking equipment.</p> <p>Section 803 803.1 General Interior finishes: Class A: flame spread 0-25 smoke developed 0-450 Class B: flame spread 26-75 smoke developed 0-450 Class C: flame spread 76-200 smoke developed 0-450</p> <p>803.10 Stability: Int. finishes will not readily become detached where subjected to room temperatures of 200 deg F for not less than 30 min.</p>	<p>Table 803.9 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (sprinkled): † Vent. Exit † passageway + Class B - Class C interior finish materials shall be permitted for wallcovering or paneling of not more than 1000 square feet of applied surface area in the grade lobby where applied directly to a noncombustible base or of over lurring strips applied to a noncombustible base and fireblocked as required by Section 803.11. † Exit access corridors † other exitways + Class B † Rooms and enclosed spaces + Class C (nonsprinkled). † Vent. Exit † passageway + Class A - Class C interior finish materials shall be permitted for wallcovering or paneling of not more than 1000 square feet of applied surface area in the grade lobby where applied directly to a noncombustible base or of over lurring strips applied to a noncombustible base and fireblocked as required by Section 803.11. † Exit access corridors † other exitways + Class A - Lobby area shall not be less than Class B materials. † Rooms and enclosed spaces + Class B † Class C interior finish materials shall be permitted in places of assembly w/ occupant load of 300 or less.</p> <p>803.9 Interior finish requirements based on group. Interior designers must follow requirements of this section.</p> <p>Section 804 Interior Floor Finish. Interior designers must follow requirements of this section.</p> <p>Section 806 Descriptions and Trim. Interior designers must follow requirements of this section.</p> <p>903.2.1 Automatic sprinkler system required (A-2 occupancy) if one of the following conditions exist: † Fire area exceeds 5,000 sq. ft. (Additions may be separated by fire barrier to avoid sprinklers.) † Fire area occupant load exceeds 100 (Unless grandfathered. See Code Summary above.) † The fire area is located on a floor other than the level of exit discharge.</p> <p>TABLE 1004.1 Design Occupant Load 1004.1.1 - Increased Occupant Load (Max. 1 SF./person) Table 1004.1.1</p> <p>Standing space + 5 sq. ft. net./ occupant + BEFORE: 241 sq. ft. = 48 persons AFTER: 241 sq. ft. = 48 persons Unconcentrated (tables + chairs) + 15 sq. ft. net./ occupant + BEFORE: 1330 sq. ft. = 88 persons AFTER: 1330 sq. ft. = 88 persons Kitchen + 200 sq. ft. gross / occupant + BEFORE: 1476 sq. ft. = 7 persons AFTER: 613 sq. ft. = 3 persons Business areas (office) + 100 sq. ft. net./ occupant + BEFORE: 75 sq. ft. = 1 persons AFTER: 75 sq. ft. = 1 persons TOTAL: BEFORE: 138 OCCUPANTS. AFTER: 138 OCCUPANTS.</p>	<p>1004.3 POSTING OF OCCUPANT LOAD Posting of occupant load. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent.</p> <p>1005.1 MINIMUM REQUIRED EGRESS WIDTH Egress width per occupant served + 2' per occupant. Therefore egress width req'd + 112' Code required minimum will dictate over the numbers calculated by this section.</p> <p>1005.2 DOOR ENCROACHMENT Doors shall not reduce req'd. width by more than 50 percent in any open position and not more than 1" when fully opened.</p> <p>1003.4 FLOOR SURFACE Means of egress walking surfaces shall be non-slip and securely attached.</p> <p>101.1 EXIT SIGNS WHERE REQUIRED Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. (LED required)</p> <p>1006.1 MEANS OF EGRESS ILLUMINATION The means of egress, including the exit discharge shall be illuminated at all times the building space served by the means of egress is occupied.</p> <p>2603.4.13. Walk in coolers: unsprinkled, 400 sq. ft. max. 4" thick max. plus other conditions.</p> <p>Table 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES Restroom req's per table 2902.1 Water closets: Men + 1 per 75 Women + 1 per 75 Lav's + 1 per 200 Drinking fountains + 1 per 500 (not req'd; restaurant serves water.) Service sink + 1 required.</p> <p>Minimum required plumbing fixtures are as follows: 1 - 50 Total Occupants: Men: (1) UC, (1) LAV REQ'D Women: (1) UC, (1) LAV REQ'D 51 - 200 Total Occupants: Men: (1) UC, (1) UR, (2) LAV REQ'D Women: (2) UC, (2) LAV REQ'D</p> <p>1014.3 COMMON PATH OF EGRESS TRAVEL Common path of egress travel + 15'</p>	<p>1014 SEATING AT TABLES Seating layout designer required to follow requirements of this section.</p> <p>TABLE 1018 CORRIDOR FIRE RESISTANCE RATING Exit corridors (if used) with sprinkler + 0 hr. rated</p> <p>1018.2 CORRIDOR WIDTH Min. corridor width + 3'-0" (44")</p> <p>1016.4 DEAD ENDS Dead end corridors 20' MAX. + where more than one exit req'd.</p> <p>TABLE 1021.1 MIN. NO. OF EXITS FOR OCCUPANT LOAD Minimum # of exits when occupant load is less than 500 + (2) Exits.</p> <p>TABLE 1021.2 BUILDINGS WITH ONE EXIT Max. occupants and floor travel distance with ONE EXIT + 45 occ. 175 feet.</p> <p>1019.1 MIN. AISLE WIDTHS: Aisle w/ seats on both sides + 42" (3'-6") Aisle w/ seats on one side + 36" (3'-0")</p> <p>CHAPTER 24 GLASS AND GLAZING Glazing applied to project must conform with this section.</p> <p>2603.4.13. Walk in coolers: unsprinkled, 400 sq. ft. max. 4" thick max. plus other conditions.</p> <p>Table 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES Restroom req's per table 2902.1 Water closets: Men + 1 per 75 Women + 1 per 75 Lav's + 1 per 200 Drinking fountains + 1 per 500 (not req'd; restaurant serves water.) Service sink + 1 required.</p> <p>Minimum required plumbing fixtures are as follows: 1 - 50 Total Occupants: Men: (1) UC, (1) LAV REQ'D Women: (1) UC, (1) LAV REQ'D 51 - 200 Total Occupants: Men: (1) UC, (1) UR, (2) LAV REQ'D Women: (2) UC, (2) LAV REQ'D</p>
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KEY DATES:	
02-20-12	- PRELIMINARY BRAND REVIEW
08-29-12	- FINAL BRAND REVIEW
12-20-12	- SUBMITTAL SET

PROJECT GENERAL NOTES:

- PROJECT SPECIFICATIONS PER 'PROJECT MANUAL FOR THE McDONALD'S STANDARD BUILDING PROGRAM,' ISSUE DATE: JAN 2008. SPEC MANUALS AVAILABLE FROM GENERAL CONTRACTOR. G.C. TO OBTAIN SPECS FROM McDONALD'S PROJECT MANAGER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND CONSTRUCTION IN THE FIELD AND REPORT ANY DISCREPANCIES FOUND TO THE ARCHITECT OR McDONALD'S PROJECT MANAGER.
- ALL CONTRACTORS SHALL INSPECT THE SITE AND SHALL VERIFY ALL DATA OF THE EXISTING BUILDING AND THEIR RELATION TO THE NEW WORK, AND WILL REPORT ANY DISCREPANCIES FOUND TO THE ARCHITECT OR McDONALD'S PROJECT MANAGER.
- ALL WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES AND APPLICABLE STATE AND FEDERAL CODES AND ORDINANCES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FACILITY WHICH IS ADJACENT AND VERTIN FREE.
- ALL ADJACENT PROPERTY WILL BE PROTECTED FROM DAMAGE AND IF CHANGED, WILL BE RETURNED TO ITS ORIGINAL CONDITION.
- CONTRACTOR SHALL PROVIDE ALL SHORING AND BRACING NECESSARY TO COMPLETE ALL WORK INDICATED ON DRAWINGS.
- ALL WORK WILL BE COORDINATED WITH THE STORE OPERATOR AND THE McDONALD'S PROJECT MANAGER.
- AT THE END OF EACH DAY'S WORK, THE CONTRACTOR SHALL CLEAN ALL DEBRIS AND WILL LEAVE THE CONSTRUCTION AREA AND THE SURROUNDING AREA CLEAN IN SUCH A MANNER TO ELIMINATE INTERFERENCE AND HAZARD.
- THESE PLANS AND SPECIFICATIONS TO THE BEST OF KNOWLEDGE, COMPLY WITH THE CURRENT AND STANDARD SPECIFICATIONS FOR ACCESSIBILITY REQUIREMENTS.



haag müller, inc.

Architecture • Engineering • Interiors

101 East Grand Avenue, Suite 1
 Port Washington, Wisconsin 53074
 262.268.1200 www.haagmuller.com
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COVER SHEET
 MAJOR REMODEL BUILDING PROGRAM
 McDONALD'S RESTAURANT
 2402 SOUTH PARK ST.
 MADISON, WI 53713

REVISIONS		DATE	DESCRIPTION
NO.	DATE	DESCRIPTION	CHANGES PER ADDENDUM #1
1	01-08-13		
2	05-20-13		

DATE: 12-20-12
 PROJ. NO: 1201104
 DRAWN BY: SPS
 SHEET

G-1.1

FLOOR PLAN GENERAL NOTES:

A. TOTAL BUILDING OCCUPANTS MAY NOT BE INCREASED. PROVIDE OCCUPANT LOAD SIGN, LOCATION AND NUMBER OF OCCUPANTS PER CODE REVIEW. SEE SHEET G-1.1.

B. EXISTING BUILDING GROSS AREA: 5186 SF (4,053 MAIN FLOOR + 1,133 BSMT.).

C. EMERGENCY LIGHTING INCLUDED ON INTERIOR DECOR LIGHTING PLAN.

D. ALL INTERIOR FINISHES TO BE PROVIDED BY INTERIOR DESIGNER - BY OTHERS.

E. DRAPES AND OTHER DECORATIVE MATERIALS SHALL BE FLAME RETARDANT.

F. EXITS, EXIT LIGHTS, FIRE ALARM STATIONS, HOSE CABINETS, AND EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIAL.

G. DIMENSIONS ON PLAN ARE NOMINAL. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.

H. SUPPLIER INFORMATION FOR McDONALD'S ACCESSIBILITY SIGN PACKAGE:

FORREST PERMA-SIGNS, 32 FIRST STREET P.O. BOX 588 NEW ROCHELLE, NY 10860 ATTN: TOM GIORDANO OFFICE: 908-214-8769 DIRECT: 914-631-8893 FAX: 914-631-1416

FLOOR PLAN ACCESSIBILITY KEY NOTES:

1. FOR OTHER ADA ISSUES NOT IDENTIFIED ON THE FLOOR PLAN, REFER TO THE BARRIER REMOVAL PLAN.

THE FOLLOWING KEYED NOTES ARE ENCLOSED WITH A (X) SYMBOL:

(A1) ADD "SPEECH / HEARING IMPAIRED ASSISTANCE AVAILABLE" SIGNAGE TO CASH AND PRESENTER WINDOWS.

(A2) ADD ALUMINUM GLAD FILLER STRIP TO BOTH SIDES OF GLAZING (GLUED AND SEALED) TO PROVIDE SMOOTH SURFACE THE ENTIRE WIDTH OF DOOR UP TO A HEIGHT OF 10" MIN. AFF.

(A3) ADD BRAILLE AND PICTURE MENU SIGNAGE TO A LOCATION VISIBLE NEAR FRONT COUNTER.

(A4) PROVIDE STAFF ASSISTANCE SIGNAGE AT SSB LOCATION.

(A5) - NOT USED -

(A6) ADJUST DOOR CLOSING SPEED TO 5 SECONDS MIN. FROM 90 DEGREES OPEN TO 1" FROM CLOSED AND SET CLOSING FORCE TO 8.5 LBS.

(A7) - NOT USED -

(A8) 5% OF DINING ROOM SEATING IS REQUIRED TO BE ACCESSIBLE. THEY SHALL BE EVENLY DISPERSED AND A VARIETY OF SEATING TYPES.

(A9) SEE ENLARGED BATHROOM PLANS ON SHEET A-4.1 FOR ADDITIONAL ACCESSIBILITY REQUIREMENTS.

(A10) 5% OF EXTERIOR SEATING IS REQUIRED TO BE ACCESSIBLE AND SHALL BE EVENLY DISPERSED.

FLOOR PLAN KEYED NOTES:

THE FOLLOWING KEYED NOTES ARE ENCLOSED WITH A (X) SYMBOL:

1. NEW BUILDING ADDITION.

2. NEW CASH BOOTH WINDOW - 1/2" SINGLE PANEL (SELF CLOSING) DRIVE THRU WINDOW TYPICAL AT CASH BOOTH ONLY. OPENS RIGHT TO LEFT FROM INSIDE. SIZE: 41 1/2" X 43 1/2" (19" X 36" SERVICE OPENING) WITH TRANSOM WINDOW ABOVE BY OTHERS. TRANSOM TO BE ALUM. W/ THERMAL BREAK FRAME AND 1" CLEAR LOW-E INSULATED GLASS. FRAMES TO BE DARK BRONZE ALUMINUM (MATCH EXISTING) WITH THERMAL BARRIER, FLASH, SHIM 4 SEAL HEAD AND JAMBS NO SEALANT, FLASH ONLY. AT EXTERIOR SILL TO ALLOW FOR MOISTURE DRAINAGE. PROVIDE END DAM FLASHING. FLASHING COLOR TO MATCH FRAMES.

3. NEW FRONT ARCADE. SEE ELEVATIONS 4 SECTIONS.

4. NEW SIDE ENTRY ARCADE. SEE ELEVATIONS 4 SECTIONS.

5. NEW HEARTH WALL. SEE ELEVATIONS 4 SECTIONS.

6. INFILL EXISTING OPENING W/ LIKE MATERIALS (VERIFY).

7. NEW ALUMINUM STOREFRONT GLAZING SYSTEM. 1" CLEAR LOW-E INSULATED GLASS FRAMES TO BE THERMALLY BROKEN DARK BRONZE ALUMINUM (MATCH EXISTING).

8. PRIME 4 PAINT EXISTING BRICK ON ENTIRE BUILDING. SEE ELEVATIONS 4 SECTIONS.

9. NEW SSB LOCATION.

10. NEW MOP SINK.

11. NEW CULTURED STONE VENEER. SEE ELEVATIONS 4 SECTIONS.

12. NEW INTERIOR WALL. 2x4 STUDS @ 16" O.C. W/ 5/8" GYP. WALL BOARD. FINISH PER INTERIOR DESIGN DRAWINGS.

13. PROVIDE 1/2" X 1/2" STEEL BEAM @ NEW OPENING LTEL W/ 1/2" X 1/4" BOTTOM PLATE. STEEL LTEL TO BEAR 8" MIN. BEYOND SPAN OF MASONRY OPENING. PROVIDE BEAM POCKET IN EXISTING WALL FOR BEAM BEARING. GROUT SOLID (4) COURSES.

14. PROVIDE BOND BEAM @ NEW OPENING LTEL TO BEAR 8" MIN. BEYOND SPAN OF MASONRY OPENING. PROVIDE BEAM POCKET IN WALL FOR BEAM BEARING. GROUT SOLID (4) COURSES.

15. (2) 2x10 LVL. HEADER TO SUPPORT SIDE PARAPET WALLS. BOTTOM OF HEADER TO REST ON EXISTING MASONRY WALLS @ ELEVATION 105'-4". ATTACH HEADER TO TOP OF MASONRY W/ (2) SIMPSON A35 ANGLES ON BOTH ENDS.

16. ANCHOR BOLT 3 1/2" X 3 1/2" ANGLE IRON TO EXIST. EXTERIOR WALL WHERE NEW CMU / BRICK WALL ABUTS. COAT ANGLE WITH BITUMINOUS COATING. ANGLE IRON TO START AT T.O. NEW FOUND. WALL AND END AT CONTINUOUS BOND BEAM.

17. PROVIDE (2) 1/2" 5/8" GROUTED SOLID @ EACH END OF NEW WALL. EPOXY 1/2" X 6" INTO TOP OF FND. WALL.

18. NEW PRE-FINISHED 3'-0" X 7'-0" 1-1/2"HR FIRE-RATED DOOR AND FRAME ASSEMBLY (COLOR BY OWNER) AT BOTTOM OF STAIRS IN BASEMENT. FRAME TO HAVE 4" HEAD. HARDWARE SHALL BE 1-1/2" PK. BUTTS. 1 LEVER PASSAGE LATCH-SET. WALL STOP. KICKPLATE ON PUSH SIDE OF DOOR AND CLOSER. DOOR CLOSING SPEED SHALL BE 5 SECONDS MIN. FROM 90 DEGREES OPEN TO 1" FROM CLOSED AND SET CLOSING FORCE TO 5 LBS.

19. NEW 2 HOUR FIRE-RATED 6" THICK CMU WALL ASSEMBLY. PROVIDE HORIZONTAL JOINT REINFORCING 1/2" O.C. VERTICAL PROVIDE 1/2" REBAR AT EA. SIDE OF DOOR M.O. GROUT SOLID. PAINT TO MATCH ADJACENT BLOCK.

20. NEW GUARD RAIL. SEE DETAIL 4/80-3.

21. NEW STOREFRONT DOORS. 1" CLEAR LOW-E INSULATED GLASS ALUMINUM FRAMES TO BE THERMALLY BROKEN. NEW DOORS SHALL HAVE 10" BOTTOM STYLE AND ACCESSIBLE LOOP HANDLE ON FULL SIDE. DARK BRONZE ANODIZED ALUMINUM FINISH.

22. NEW BRICK VENEER. SEE ELEVATIONS 4 SECTIONS.

23. PRIME 4 PAINT EXISTING BOLLARDS. SEE ELEVATIONS FOR COLOR.

24. NEW BOLLARD PER DETAIL USD-3. COLOR SHALL BE SAFETY YELLOW.

25. NEW CASED OPENING.

26. PRIME 4 PAINT EXISTING GUARDRAIL. SEE ELEVATIONS FOR COLOR.

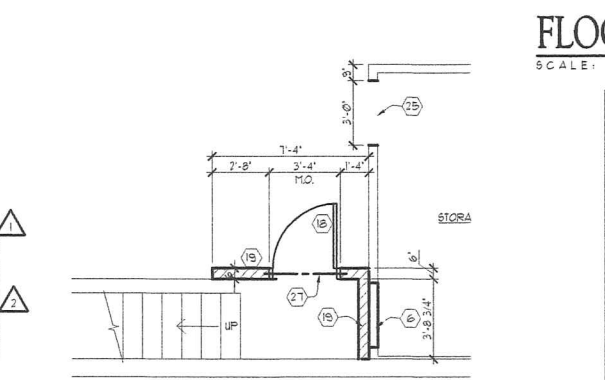
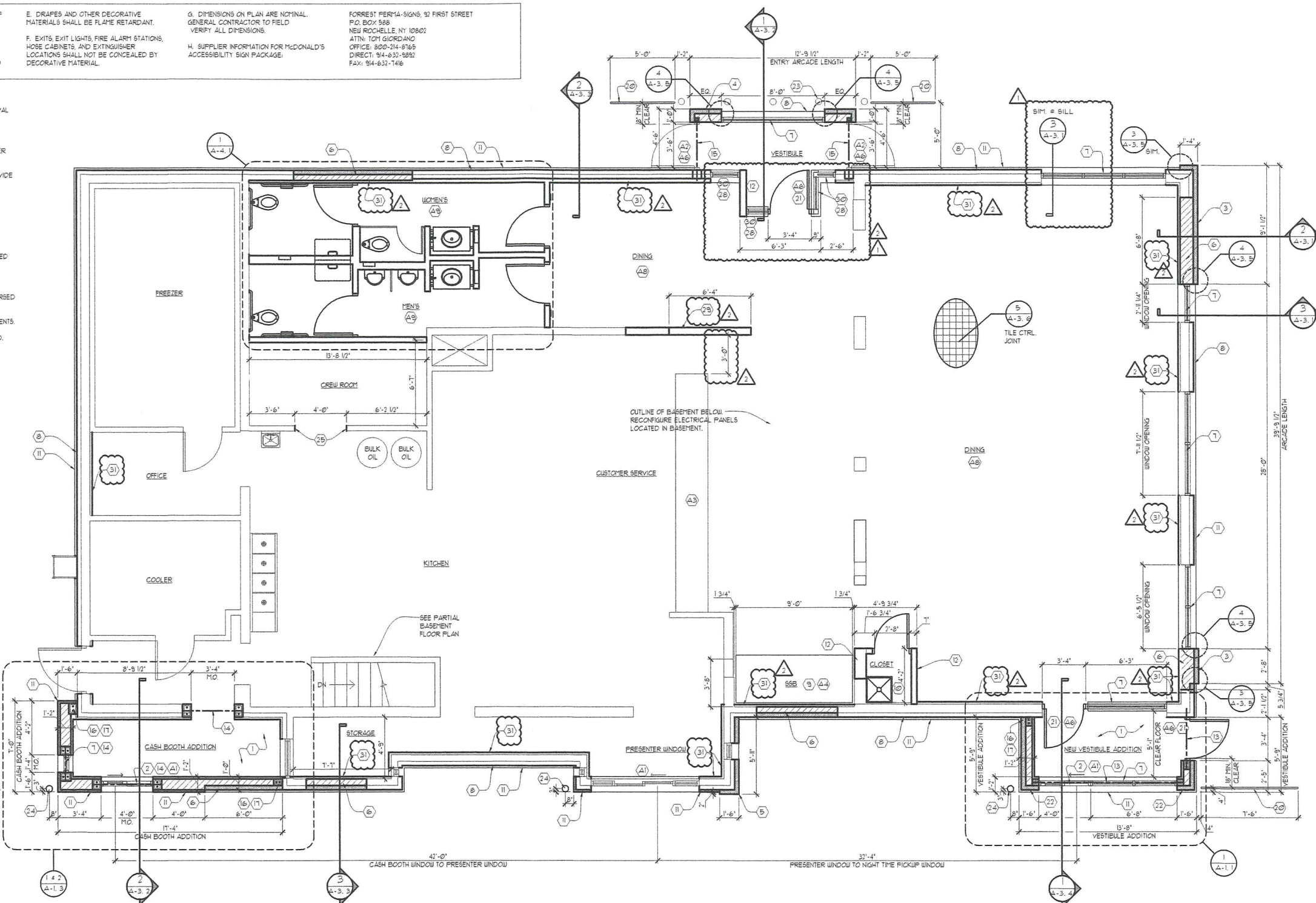
27. 6" SOLID/REINFORCED CONCRETE LTEL. EXTEND 6" PAST M.O. EACH SIDE. BOTTOM ELEV. TO BE 71'-4".

28. NEW PARTIAL HEIGHT WALL. HEIGHT TO MATCH EXISTING (APPROX. 36"). 2x8 STUDS @ 16" O.C. W/ 5/8" GYP. WALL BOARD. FINISH PER INTERIOR DESIGN DRAWINGS.

29. NEW HALF WALL. VERIFY IN FIELD TO MATCH EXISTING HT.

30. NEW STOREFRONT GLAZING SYSTEM. ALUMINUM FRAMES WITH 1/4" TEMPERED GLASS. MATCH EXISTING SILL HEIGHTS. DARK BRONZE ANODIZED ALUMINUM FINISH.

31. NEW 2x PIRRRING @ 16" O.C. FILL CAVITIES WITH R-17 RIGID INSULATION. CLAD WITH 5/8" G.W.B. REPAIR ALL FINISHES AS REQUIRED.



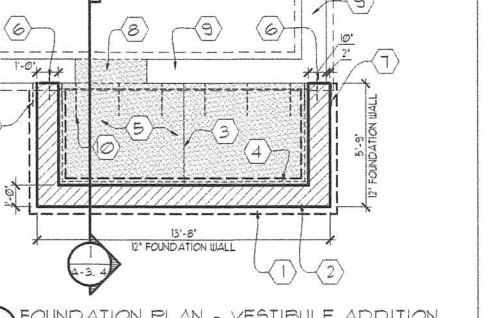
PARTIAL BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"

FLOOR PLAN
SCALE: 1/4" = 1'-0"

FOUNDATION / SLAB PLAN KEYED NOTES:
THE FOLLOWING KEYED NOTES ARE ENCLOSED WITH A (X) SYMBOL ON THE PLAN.

- 1. ADDITION FOOTING. PROVIDE 1'-8" WIDE X 1' THICK FOOTING REINFORCED W/ (2) 1/2" 5 BARS AT 3" FROM BOTTOM. DOVEL FOOTING TO FOUNDATION WALL ABOVE USING HOOKED 1/2" X 48" O.C. TOP OF FOOTING ELEVATION + 98'-8" (MATCH EXISTING). SEE SECTION 1/A3.4.
- 2. FOUNDATION WALL. 12" WIDE FOUNDATION WALL. TOP OF WALL ELEVATION + 100'-0". PROVIDE (2) CONT. 1/2" 5/8" AT TOP. SEE SECTION 1/A3.4.
- 3. LINES INDICATE TYPICAL SLAB CONTROL JOINTS. TROUPEL OR CUT INTO SLAB. MINIMUM CONTROL JOINT DEPTH = 3/4".
- 4. PROVIDE 1 1/2" CLOSED CELL FOUNDATION INSULATION ALONG INSIDE FACE OF FOUNDATION WALL. EXTEND INSULATION TO TOP OF FOOTING. (SEE BUILDING SECTIONS).
- 5. TYPICAL 5" CONC. SLAB W/ 6x6-W/4X1/4 W/ OVER 10 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR BASE. TOP OF SLAB ELEV. +100'-0".

- 6. DOVEL FOUNDATION WALL TO EXISTING FOUNDATION USING (2) 1/2" LONG 5 BARS EPOXIED 4" INTO EXISTING FOUNDATIONS WALL ONE 1/2" FROM TOP AND ONE IN MIDDLE.
- 7. DOVEL EACH END OF NEW FOOTINGS TO EXISTING FOOTINGS USING (2) 1/2" LONG 5 BARS EPOXIED 4" INTO EXISTING FOOTING.
- 8. REMOVE TOP PORTION OF EXISTING FOUNDATION WALL TO AT LEAST ELEV. + 99'-4" FOR NEW SLAB PLACEMENT. THICKEN SLAB OVER WALL.
- 9. EXISTING FOUNDATION WALL AND FOOTING TO REMAIN UNLESS NOTED OTHERWISE.
- 10. 5 BARS X 1'-6" LONG SHAP WELDED TO STL. L 3 1/2" X 3 1/2" X 1/4" BOLTED TO EXISTING CONSTRUCTION W/ 3/4" DIA. BOLTS AT 2'-0" O.C. SEE SECTION 1/A3.4.



FOUNDATION PLAN - VESTIBULE ADDITION
SCALE: 1/4" = 1'-0"

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FLOOR PLAN

MAJOR REMODEL BUILDING PROGRAM

McDONALD'S RESTAURANT
2402 SOUTH PARK ST.
MADISON, WI 53713

REVISIONS		DATE	DESCRIPTION
NO.	1	01-08-13	CHANGES PER ADDENDUM #1
	2	05-20-13	CHANGES PER ADDENDUM #2

DATE: 12-20-12
PROJ. NO.: 1201104
DRAWN BY: SPS
SHEET

A-1.1



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GENERAL STRUCTURAL NOTES

CODE: 2009 INTERNATIONAL BUILDING CODE

JOB LOCATION: MONONA WI

EXISTING CONDITIONS: CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. ALL WORK AND MATERIALS NECESSARY TO INSTALL NEW WORK IN EXISTING BUILDING SHALL BE INCLUDED.

NOTIFY ARCHITECT/ENGINEER IMMEDIATELY IF EXISTING CONDITIONS DO NOT MATCH, OR SEEM IN CONFLICT WITH INFORMATION SHOWN ON DRAWINGS.

DESIGN DEAD LOADS:

ROOF: 20 PSF (UNLESS NOTED OTHERWISE)

DESIGN LIVE LOADS:

ROOF:

Pg = 30 psf, Ca = 10, Ct = 12, Is = 10
P1 = 30.11(10)(12) = 26 psf

WIND LOAD: IN ACCORDANCE WITH ASCE 7 - 10 (CHAPTER 27)

Parapet wind loading = 43 psf
Wall wind loading = 16 psf

SEISMIC LOAD: S(Ds) = 0.11, S(D1) = 0.098

SITE CLASS: D (ASSUMED)
SEISMIC DESIGN CATEGORY: A

CONCRETE CONSTRUCTION

1. CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 301.

2. CONCRETE SHALL BE MECHANICALLY CONSOLIDATED IN ACCORD WITH ACI 309.

CONCRETE DESIGN MIXES

Table with 4 columns: CAST-IN PLACE CONCRETE LOCATION, 28-DAY F'c, AIR, MAX W/C RATIO. Rows include FOOTINGS, FOUNDATION WALLS/PIERS, SLABS ON GRADE, EXTERIOR CONCRETE, ALL OTHER.

-CONCRETE ADMIXTURES MUST BE APPROVED BY A.E.
-SUBMIT ALL CONCRETE DESIGN MIXES TO STRUCTURAL ENGINEER FOR REVIEW

CONCRETE REINFORCEMENT

1. STEEL ANCHOR BOLTS EMBEDDED INTO CONCRETE SHALL BE ASTM F854, GR 55 (UNLESS SPECIFIED OTHERWISE)

2. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.

3. CONCRETE COVER REQUIREMENTS FOR CAST-IN-PLACE, NON-PRESTRESSED CONCRETE UNLESS OTHERWISE NOTED ON DETAILS:

- 1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
2. OTHER: 1.5 BARS AND LARGER: 2"
5 BARS AND SMALLER: 1-1/2"

3. REINFORCING BAR SPLICES SHALL BE IN ACCORD WITH THE REQUIREMENTS OF ACI 318-09

STRUCTURAL STEEL

1. FABRICATOR SHALL BE REGISTERED AND APPROVED BY THE LOCAL BUILDING DEPARTMENT.

2. STRUCTURAL STEEL SHALL MEET ASTM A36 UNLESS NOTED OTHERWISE. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL MEET ASTM A992 (50 KSI MIN)

3. STEEL TUBES SHALL MEET ASTM A500, GRADE B.

4. STEEL PIPE SHALL MEET ASTM A53, TYPE E OR S.

5. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH A RUST RESISTIVE TYPE PAINT.

6. BOLTS FOR STEEL FRAME CONNECTIONS SHALL BE 3/4 INCH DIAMETER A325-N UNLESS OTHERWISE NOTED (ASTM A 315-5C AT MOMENT RESISTING CONNECTIONS).

7. FIELD BOLTING INSTALLATION SHALL BE INSPECTED IN ACCORDANCE WITH THE AISC MANUAL, THIRTEENTH EDITION.

8. ANCHOR BOLTS SHALL BE ASTM F854, GR. 55 (UNLESS SPECIFIED OTHERWISE)

9. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF THE AMERICAN WELDING SOCIETY CODE A515 D11.

WOOD

1. WOOD SHALL BE DOUGLAS FIR LARCH NO. 2 OR BETTER UNLESS OTHERWISE NOTED.

2. MINIMUM NAILING REQUIREMENTS ARE PER TABLE 2304.21 OF THE INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE ON THE DRAWINGS.

3. SIMPSON HARDWARE OR EQUAL SHALL BE USED AT ALL WOOD CONNECTIONS UNLESS OTHERWISE NOTED.

4. WOOD STRUCTURAL PANEL ROOF SHEATHING SHALL BE 24/0 CDX EXPOSURE I/II APA W/EXTERIOR GLUE 1/2 INCH THICK. ROOF SHEATHING TO BE NAILED AS FOLLOWS:

ATTACHMENT TYPE A: 8d # 6" O.C. EDGE NAILING (ALL SUPPORTED PANEL EDGES)

ATTACHMENT TYPE B: 8d # 6" O.C. FIELD NAILING (ALL INTERMEDIATE SUPPORTS)

ATTACHMENT TYPE C: 8d # 6" O.C. EDGE NAILING (ALL PANEL EDGES)

ATTACHMENT TYPE D: 8d # 6" O.C. FIELD NAILING (ALL INTERMEDIATE SUPPORTS)

BLOCK ALL UNSUPPORTED PANEL EDGES W/ 2X MEMBERS.

ATTACHMENT 'A' IS TYPICAL UNLESS OTHERWISE NOTED ON THE PLANS.

5. WOOD STRUCTURAL PANEL FLOOR SHEATHING SHALL BE APA RATED STURDI-FLOOR EXPOSURE I, 3/4" THICK WITH SPAN RATING OF 48/24 AND TONGUE AND GROOVE EDGES. ATTACH FLOOR DECK WITH 16d NAILS @ 6" O.C. AT ALL SUPPORTED EDGES AND 10" O.C. AT INTERMEDIATE SUPPORTS.

6. WOOD STRUCTURAL PANEL WALL SHEATHING AND NAILING SHALL BE AS SHOWN ON THE SHEAR WALL SCHEDULE.

MASONRY

1. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE CONCRETE MASONRY UNITS SHALL BE 1800 PSI ON THE NET AREA, PROVIDING A STRUCTURAL DESIGN COMPRESSIVE STRENGTH OF 1500 PSI.

2. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE CLAY MASONRY UNITS SHALL BE 2800 PSI ON THE NET AREA, PROVIDING A STRUCTURAL DESIGN COMPRESSIVE STRENGTH OF 1500 PSI.

3. MORTAR SHALL BE TYPE S. CEMENT LIME OR MORTAR CEMENT MIXES MUST BE USED. MASONRY CEMENT IS NOT ACCEPTABLE.

4. MINIMUM 28-DAY COMPRESSIVE STRENGTH OF GROUT SHALL BE THE GREATER OF 2000 PSI OR THE COMPRESSIVE STRENGTH OF THE MASONRY UNITS. AIR ENTRAINMENT AND OTHER ADDITIVES ARE NOT ACCEPTABLE IN GROUT MIX. GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES.

5. MASONRY REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.

6. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD TRUSS OR LADDER TYPE, GALVANIZED, AT 16-INCHES ON CENTER UNLESS OTHERWISE NOTED ON PLAN.

7. MINIMUM BOND BEAM REINFORCING SHALL BE 2-#4 IN 6" AND 8" BOND BEAMS AND 2-#5 IN 12" BOND BEAMS. BOND BEAM REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS UNLESS NOTED OTHERWISE.

8. PROVIDE BOND BEAMS AT TOP OF ALL WALLS, AT ROOFS, STRUCTURAL FLOORS, AND WHERE SHOWN ON THE DRAWINGS.

9. REINFORCING SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS PLACED AT INTERVALS NOT EXCEEDING 12" BAR DIAMETERS NOR 10 FEET. PROVIDE POSITIONERS AT REINFORCING SPLICES.

10. VERTICAL REINFORCING SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS OR DETAILS:

6" CONC. BLOCK 1 # @ 4'-0" O.C.
8" CONC. BLOCK 1 # @ 4'-0" O.C.
12" CONC. BLOCK 1 # @ 4'-0" O.C.

11. PROVIDE VERTICAL REINFORCING AT JAMB OPENINGS, ENDS AND CORNERS OF ALL WALLS AND EACH SIDE OF CONTROL JOINTS. SPECIAL JAMB REINFORCING, WHERE REQUIRED, IS CALLED OUT ON THE PLANS.

12. VERTICAL REINFORCING REQUIRED BY THESE NOTES OR SHOWN ON THE FOUNDATION PLANS SHALL EXTEND FROM FOUNDATION TO TOP OF WALL UNLESS OTHERWISE NOTED.

13. ELECTRICAL PANELS, CONDUITS, PIPES, FIRE EXTINGUISHER CABINETS, ETC., ARE TO BE LOCATED SO AS NOT TO INTERFERE WITH REINFORCED AND/OR GROUTED CELLS. PIPES AND CONDUITS PASSING HORIZONTALLY THROUGH WALLS SHALL BE SLEEVED. MINIMUM SPACING OF SLEEVES SHALL BE THREE DIAMETERS.

14. ALL MASONRY BELOW HIGHEST ADJACENT GRADE SHALL BE GROUTED SOLID.

15. GROUT SHALL BE MECHANICALLY VIBRATED IN A MANNER TO FILL THE GROUT SPACE.

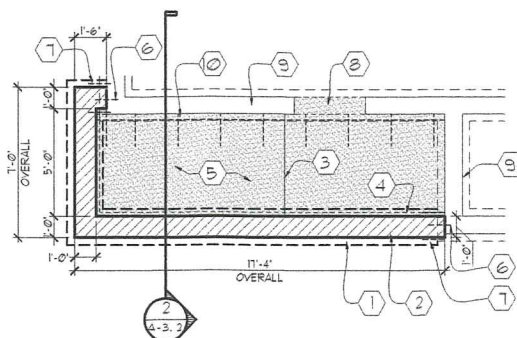
16. WHERE STONE IS VENEERED TO MASONRY, PROVIDE TRUSS TYPE (GALV.) JOINT REINFORCING AT 16 INCHES ON CENTER WITH 'EYES'.

POST-INSTALLED ANCHORS

1. ANCHORS ARE NOT TO BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED ITS DESIGN STRENGTH.

LAMINATED VENEER BEAMS

1. LAMINATED VENEER LUMBER BEAMS TO HAVE THE FOLLOWING MINIMUM DESIGN PARAMETERS:
E = 1,900,000 PSI
Pd = 2,600 PSI
Fv = 285 PSI



FOUNDATION PLAN - CASH BOOTH ADDITION

SCALE: 1/4" = 1'-0"

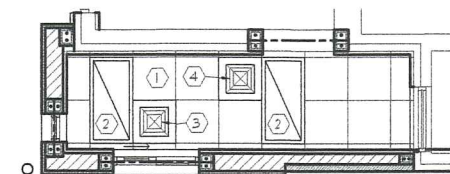
FOUNDATION / SLAB PLAN KEYED NOTES:

THE FOLLOWING KEYED NOTES ARE ENCLOSED WITH A (X) SYMBOL ON THE PLAN.

- 1. ADDITION FOOTING: PROVIDE 1'-8" WIDE x 12" THICK FOOTING REINFORCED W/ (2) #5 BARS AT 3' FROM BOTTOM...
2. FOUNDATION WALL: 12" WIDE FOUNDATION WALL, TOP OF WALL ELEVATION + 100'-0"...
3. LINES INDICATE TYPICAL SLAB CONTROL JOINTS, TROUCEL OR CUT INTO SLAB...
4. PROVIDE 1 1/2" CLOSED CELL FOUNDATION INSULATION ALONG INSIDE FACE OF FOUNDATION WALL...
5. TYPICAL 5" CONC. SLAB W/ 6x6-1/4x1/4 W/F OVER 10 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR BASE...
6. DOUCEL FOUNDATION WALL TO EXISTING FOUNDATION USING (2) 12" LONG #5 BARS EPOXIED 4" INTO EXISTING FOUNDATION WALL...
7. DOUCEL EACH END OF NEW FOOTINGS TO EXISTING FOOTINGS USING (2) 12" LONG #5 BARS EPOXIED 4" INTO EXISTING FOOTING...
8. REMOVE EXISTING SILL WALL AND TOP PORTION OF EXISTING FOUNDATION WALL TO AT LEAST ELEV. + 99'-4"...
9. EXISTING FOUNDATION WALL AND FOOTING TO REMAIN UNLESS NOTED OTHERWISE...
10. 5 BARS X 1'-6" LONG SHOP WELDED TO STL. L 3 1/2 X 3 1/2 X 1/4 BOLTED TO EXISTING CONSTRUCTION W/ 3/4" DIA. BOLTS AT 2'-0" O.C. SEE SECTION 31A-3.3.

ELECTRICAL PLAN GENERAL NOTES:

- A. THIS ELECTRICAL PLAN IS BASED ON THE LATEST NEW STORE - (1) BOOTH ELECTRICAL REQUIREMENTS. EXISTING BUILDING MAY HAVE EQUIPMENT OR SYSTEMS WHICH REQUIRE ELECTRICAL HOOKUPS NOT SHOWN ON THIS PLAN...
B. ADDITIONAL ELECTRICAL REQUIREMENTS SHOWN ON REFLECTED CEILING PLAN, THIS SHEET.
C. ELEC. CONTRACTOR TO VERIFY ELECTRICAL REQUIREMENTS OF ITEMS NOT A PART OF THIS PLAN SET...
D. ALL CONDUIT IS TO BE INSTALLED WITHIN WALLS. SURFACE MOUNTED CONDUIT IS NOT PERMITTED WHERE IT CAN BE HIDDEN WITHIN WALLS.
E. ELECTRICIAN TO VERIFY OUTLETS W/ KITCHEN PLAN.



REFLECTED CEILING PLAN - CASH BOOTH ADDITION

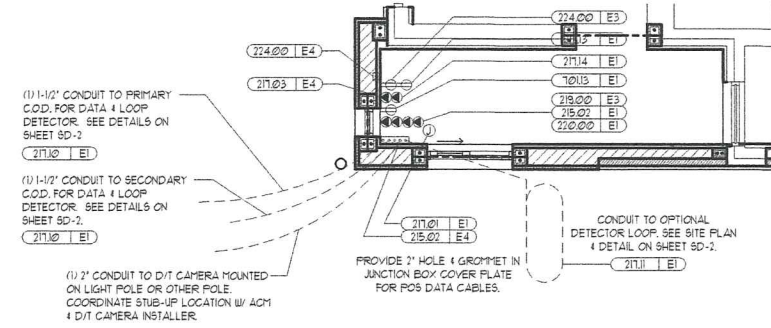
SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

- A) ELECTRICAL PORTION OF PROJECT IS DESIGN / BUILD. E.C. TO MEET ALL INSTALLATION AND ENERGY CODES. LIGHTING CALCULATION TO BE ON-SITE DURING CONSTRUCTION.
B) THIS LIGHTING LAYOUT IS THE 'BASE' OPTION. IF THE INTERIOR DESIGNER CHANGES THE LAYOUT OR LIGHTING FIXTURES THEY MUST PROVIDE OR COORDINATE WITH THE E.C. THE UPDATED LIGHTING CALCULATIONS (SBD-10311)
C) HVAC IS DESIGN/BUILD AND TO BE COORDINATED WITH THIS REFLECTED CEILING PLAN OR INTERIOR DESIGNERS MODIFIED LIGHTING / CEILING LAYOUT.

REFLECTED CEILING PLAN KEYED NOTES:

- 1. THE KEYED NOTES ON THE REFLECTED CEILING PLAN ARE ENCLOSED WITH A (X) SYMBOL ON THE REF. CEILING PLAN.
2. 2' X 2' LAY-IN CEILING TILE GRID. MATCH EXIST. COLOR.
3. 2 X 4 FLUORESCENT LAY IN TROFFER WITH (2) F5278 BULB WITH MIRRORRED REFLECTORS, PRISMATIC LENS AND ELECTRONIC BALLAST.
4. MARKEL HEATER UNIT. (COORDINATE W/ HVAC CONTRACTOR).
5. SUPPLY DIFFUSER PER M-SHEETS



ELECTRICAL PLAN - CASH BOOTH ADDITION

SCALE: 1/4" = 1'-0"

ELECTRICAL SCHEDULE table with columns: SYMBOL, DESCRIPTION, TAG #, QTY, DESCRIPTION, VOLT/PH, FLA, BRK SIZE, COND/WIRE, PNL/CC, RECP TYPE, HGT AFF, REQUIREMENTS & REMARKS. Includes items like JB WITH DUPLEX CONVENIENCE OUTLET, DRIVE-THRU WINDOW AIR UNIT, PDS - COIN DISPENSER, etc.

THIS ELECTRICAL SCHEDULE HAS BEEN UPDATED PER McDONALD'S 2009 STANDARD BUILDING 4587PP V000/W000 MARCH 2010

CASH BOOTH ADDITION & FOUNDATION PLAN
MAJOR REMODEL BUILDING PROGRAM
McDONALD'S RESTAURANT
2402 SOUTH PARK ST.
MADISON, WI 53713

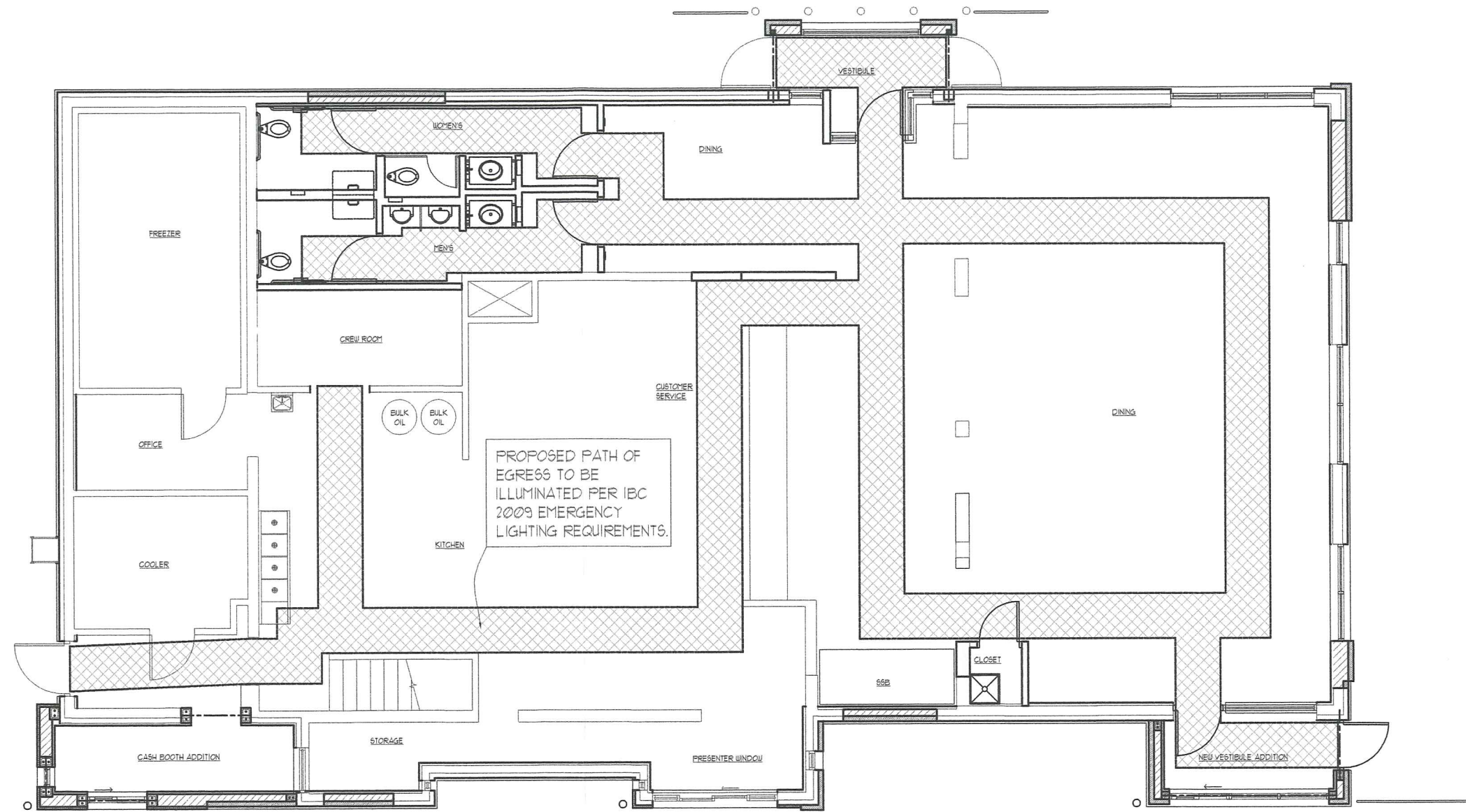
REVISIONS table with columns: NO., DATE, DESCRIPTION, CHANGES PER ADDENDUM #1, CHANGES PER ADDENDUM #2. Includes revision 1 dated 01/08/13 and revision 2 dated 05/20/13.

DATE: 12-20-12
PROJ. NO: 1201104
DRAWN BY: SPS
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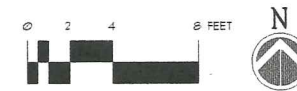
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PROPOSED EGRESS LIGHTING PLAN

SCALE: 1/4" = 1'-0"



PROPOSED EGRESS LIGHTING PLAN
MAJOR REMODEL BUILDING PROGRAM
MCDONALD'S RESTAURANT
2402 SOUTH PARK ST.
MADISON, WI 53713

REVISIONS		DESCRIPTION
NO.	DATE	DESCRIPTION
1	01/09/13	CHANGES PER ADDENDUM #1
2	05/20/13	CHANGES PER ADDENDUM #2

DATE: 12-20-12
PROJ. NO.: 1201104
DRAWN BY: JRA
SHEET