

## **01-22-10: Qdoba 20 E Chicago, Chicago, Illinois**

### **#1 - Notes and Addendum to be incorporated into your proposals:**

[The plans have been revised to reflect the following items:](#)

[Revised plans are available from our website or at:](#)

[ftp://qdoba%25029c5a2:QdoBa765@029c5a2.netsolhost.com/Qdoba\\_ChicagoAve\\_Permit\\_012010.zip](ftp://qdoba%25029c5a2:QdoBa765@029c5a2.netsolhost.com/Qdoba_ChicagoAve_Permit_012010.zip)

### **Concrete:**

1. Existing base board heater @ front of store to be boxed out prior to concrete pour-back
2. Slab pour back will be by LL
3. Concrete subcontractor to be responsible for concrete at front of store and setting owner provided entrance matt.

### **Carpentry**

1. Exterior wall (@ mop sink only) will be furred out with 3 5/8" metal stud for plumbing
2. Dining area will have drop ceiling (C2 finish) to top of storefront
3. Carpentry subcontractor should remove first 24" A.F.F. of existing drywall (if existing) from restroom hall towards back of house to cooler and replace with 5/8" DensShield. [See attached spec.'s.](#)
4. (2) existing exposed columns @ exterior wall to be furred and drywalled
5. Soda station wall to be increased to 8" metal stud
6. LL has provided gyp board finish on exterior wall
7. LL will provide demising wall
8. Carpenter is to supply and install round tube steel (pipe) foot rests at all stand up counter bar seating. Finish is to match Qdoba provided bar seating hardware finish which is semi gloss black
9. Provide and install steel supports for dumbwaiter as required by manufacturer.
10. The entire dining area and space will receive acoustical ceiling as well as the small storage area to be painted black. The dining and service line ceiling will be at top of window line 17'-0".

### **Structural Steel**

1. Provide and install steel supports for dumbwaiter as required by manufacturer.

### **Roofing**

1. Roofer is to install Grease Guard mats around Type I exhaust fan on roof (to protect roof membrane), also insure fan grease cup is installed. [See attached specifications and photo's of existing fans on roof.](#)

### **Storefront**

1. Any existing storefront doors removed shall be given to LL
2. Breezeway storefront to match finish, mullion height & overall height of existing storefront

## **Finishes**

1. Blinds to be supplied by owner, GC to confirm size with Qdoba CM. Blinds to be mounted to storefront casing above (not to be mounted to existing storefront)
2. Top of storefront casing (under-side of drywall) and above will be painted P-1

## **Plumbing**

1. Soda syrup python to be routed overhead through PVC chase.
2. Soda station wall to be increased to 8" metal stud
3. Plumber to be aware of Drywells ~2' below grade for storm water retention and grade beams between support columns. Drain lines have been preinstalled through grade beams. Contractor is not to penetrate grade beams.
4. Slab pour back will be by LL – GC responsible for concrete at front of store
5. Plumber is to install water meter with remote reader with in Qdoba's space
6. Owner is supplying water heater

## **HVAC**

1. Space will NOT use Plenum ceiling, drawings are being revised to show return grills and ductwork.
2. Engineering has revised drawings for the ductwork, per our pre-bid visit. [Attached is a picture](#) of when we were on site for initial visit and one from the pre-bid visit. As you can see, the ductwork at the back of house is a lot more congested now than it was at our initial visit. There will have to be field verification when contractors are installing. I don't know how much room will be left for the LL's service platform. It will be tight. Please provide alternate cost for shifting one of the air handlers over in order to make room for the make up air unit. We may or may not have to move one of them but I at least want you to have a cost allowance for it.

## **Electrical**

1. (2) Existing base board heaters @ side window, to be relocated adjacent to existing column build-out (under new counter seating)
2. Space has existing conduit for cable and phone lines, GC responsible to pull from D-mark
3. EC is responsible for supplying running telephone cables from building D-mark to Qdoba's managers office D-mark. GC will also supply, install, and terminate all phone lines as per phone diagram on Sheet E-4. Qdoba will be responsible for getting phone service installed to building D-mark.
4. EC will be responsible for supplying and running coax cable for TV cable service from building cable closet. Qdoba will be responsible for call ComCast or RCN for Cable service to building cable room.

## **Fire Alarm:**

1. Fire alarm subcontractor responsible to tie into building alarm

## **Other:**

1. LL's approved Fire (simplex Grinel), Sprinkler (Nova) & Roofer (A-1) must be used

**Dumbwaiter:**

1. Provide alternate price for the dumbwaiter.
2. [See attached proposal from DME for installation requirements.](#)

**EXHIBIT B  
LANDLORD'S WORK**

ALL PIPING AND DUCTWORK TO BE STUBBED TO THE PREMISES. TENANT TO DISTRIBUTE PIPING AND DUCT WORK WITHIN ITS SPACE.

**Water:** 2" Cold Water Line (advised 50psi existing pressure)

**Grease/Sanitary:** 4" line. Grease Line to tie into a triple basin in alley.

**Vent:** 3" line (2) Connections

**Black Iron Kitchen Exhaust Duct:** 20" x 20" Duct

**Black Iron Kitchen Exhaust Fan:** Up to 6,000 CFM capacity with VFD

**HVAC:** Evaporative Fluid Cooler System (2) 7 ½ ton units, total 15 tons

**Electric:** 400 AMPS – 208 Volts, 3 Phases 4 wire

**Gas:** 3" Line with 6" WG Pressure

**Kitchen Make UP Air Duct:** 26" x 18"

**Toilet Exhaust Duct:** Sized for 200 CFM

**Condenser Water for Refrigeration (Propylene):** 1 ½" Line

**General Make Up Air Duct:** Sized for 1280 CFM

**General Exhaust Duct:** Sized for 950 CFM

**Fire Protection:** Sprinkler System with heads up

**Telephone/Data:** 2" Empty Conduit that is routed to phone block in basement

**Storefront:** (1) Set of 3' double doors (total 6') with custom store front.

B- 1

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Photo's of air handlers on ceiling in store now:



Photo's of existing fans on roof:





# Damage Control:

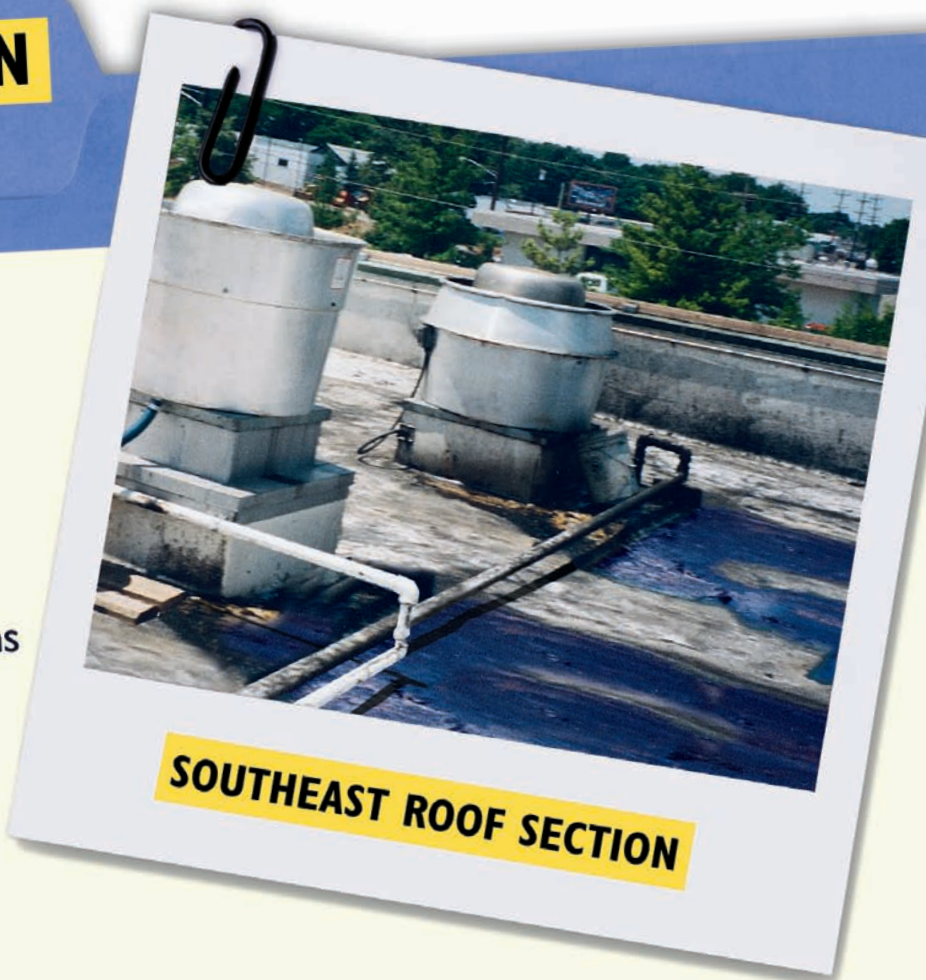
## ROOFTOP INSPECTION

### CONDITION REPORT:

- Severe Roof Damage
- Voided Roof Warranty
- Serious Fire Hazard (NFPA Violations)
- Health Department Concerns
- Safety Liability Issues (OSHA Violations)
- Storm Water Pollution (EPA Violations)

### RECOMMENDATIONS:

- G2<sup>®</sup> Grease Guard<sup>®</sup> Rooftop Defense Systems<sup>®</sup>**



**You Have A Problem...  
We Have A Solution.**

FJ Development Corp.



**Grease Guard<sup>®</sup> XD**  
Rooftop Defense Systems<sup>®</sup>

Addendum #1

**We Help  
You Comply**

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# Foodservice Management Concerns



**Grease Laden Rooftop**



**Unnecessary Roof Repair**



**Uncontrollable Fire Hazards**

As a food service provider your facility may be subject to unnecessary liabilities, rooftop safety hazards and code violations. Grease and oil emitted onto your rooftop by your kitchen exhaust fans result in unnecessary roof leaks, costly roof repairs, unsafe work areas and even worse— **FIRE**.

Not only are grease and oil the source of roof deterioration, they are also extremely flammable. Over **98%** of all restaurant fires are due in part to kitchen exhaust grease and oil. A spark can travel through the exhaust system to the roof surface resulting in extensive damage to your property and investment.

## Rooftop Grease Resolution

The **NEW G2® Grease Guard® Rooftop Defense Systems®** are so effective at containing grease and oils from rooftop exhaust systems that **Underwriters Laboratories Inc.** has **Listed** it for effectiveness and safety. This is the most oil absorbent, noncombustible, rainproof, structurally sound, closed, Listed, grease containment system on the market today. **We guarantee it!**



**Fiberglass Filter Hold Down Poles & Stabilizers**— for quick, easy and secure installation

**Top Pre-Filter**— a pass-thru, fire-resistant, self-extinguishing filter constructed from an open cross section polymer  
(See side diagram of filter)

**Fire Shield**— A fire-proof barrier that protects the roof & building from any potential exhaust system fire hazards



## We Help You Comply

### National Fire Protection Association

\*NFPA 96 Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations 1998 Edition states: 4-8.2.1 Rooftop Termination shall be arranged with or provided with the following...

(c) "The ability to drain grease out of any traps or low points formed in the fan or duct near the termination of the system into a **collection container that is noncombustible, closed, rainproof, structurally sound for the service to which it is applied, and will not sustain combustion.** A grease collection device that is applied to exhaust system shall not inhibit the performance of any fan.

*Exceptions: Grease containers that are evaluated for equivalency with the preceding requirements and **listed** as such.*

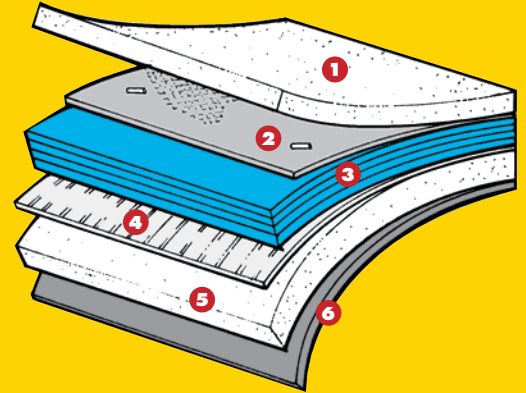
\*Reprinted with permission from NFPA 96 Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations ©1998, National Fire Protection Association, Quincy, M 02269. The reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

**Continuous Flashing**— 22 gauge galvanized steel and molded corners provide a continuous perimeter that effectively deflects all effluents directly into the filter system

**Anodized Aluminum Frame (6063T-5)**— complies with ASTM B-221

**Quick Corners**— molded from UL Listed, corrosion, UV and temperature resistant copolymer with 22 gauge galvanized steel connector bars

## Diagram Of Filter



- 1 Top Pre-Filter**— a pass-thru, noncombustible, self-extinguishing filter constructed from an open cross section polymer.
- 2 Transfer Layer**— constructed from polyolefin fiber. Designed for quick transfer of oil based fluids to the absorption layers, while repelling rainwater. UV stability protects the absorption layers from damaging sun rays.
- 3 Advanced Filter Composite**®— constructed from an engineered open cell polyolefin fabric. Over 50 layers of absorbent microfibers wick and contain oil based fluids, while repelling rainwater. Absorption capacity is up to 39 fluid ounces per square foot.
- 4 Barrier Layer**— constructed from a closed cell polymeric blend that provides a leak proof barrier.
- 5 Bottom Layer**— an airflow layer constructed from an open cross section polymer. This layer supports the absorption and security layers while allowing air to circulate throughout the entire filter system.
- 6 Fire Shield**— A fire-proof barrier that protects the roof & building from any potential exhaust system fire hazards.



# Retrofit and Rooftop Cleanup

**Existing grease and oil problems are no problem!** Our retrofit program coordinates all aspects of the retrofit process including the following:

*An initial rooftop survey is scheduled to determine your specific needs*

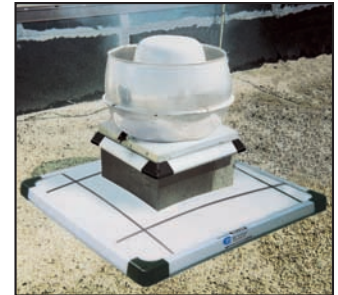
- Photos and measurements of each fan application are taken to determine needs and correct sizing

*Formal proposals are submitted for approval*

- Once approved, the retrofit process begins

*Scheduling of rooftop grease clean up and unit installations*

- Removal of grease-laden debris from rooftop to bring conditions back to a clean and fire safe level.
- Installation of proper size G2® Grease Guard® units to protect your roofing investment
- All work is completed in accordance with all local and national fire and building codes.



## National Account Maintenance Program

G2® Grease Guard® maintenance programs are custom tailored to meet the needs of both your organization and the individual needs of each of your stores. Your concept's style of cooking, store volume, and the number of G2® Grease Guard® units you have at each facility will determine the type and frequency of the maintenance program we design for you. You can rest assured that with the G2® Grease Guard® National Account Maintenance Program in place, your facilities will be protected. **We guarantee it.**

**Grease Guard establishes an Authorized Servicing Contractor and monitors maintenance through a National Account Work Order Program:**

Program includes:

- Scheduled service intervals to inspect and maintain the G2® Grease Guard® units
- Work Orders are sent to ASC to document all service
- Before and after pictures of the service performed will accompany each completed Work Order along with manager's signature
- Consultation with kitchen exhaust cleaning contractors on the proper care of the G2® Grease Guard® while cleaning fans
- Frequent communication with contractors to ensure grease-free roofing systems
- All Work Orders are submitted to our National Account Department and reviewed for quality assurance



**For Information Call Toll Free:  
800.913.7034**

Made in the U.S.A.  
U.S. Patent Nos. 5,196,046 and 5,316,007. Other Patents Pending.  
F.J. Development Corp.

Addendum #1

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## BXUV.U465 Fire Resistance Ratings - ANSI/UL 263

[Page Bottom](#)

### Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

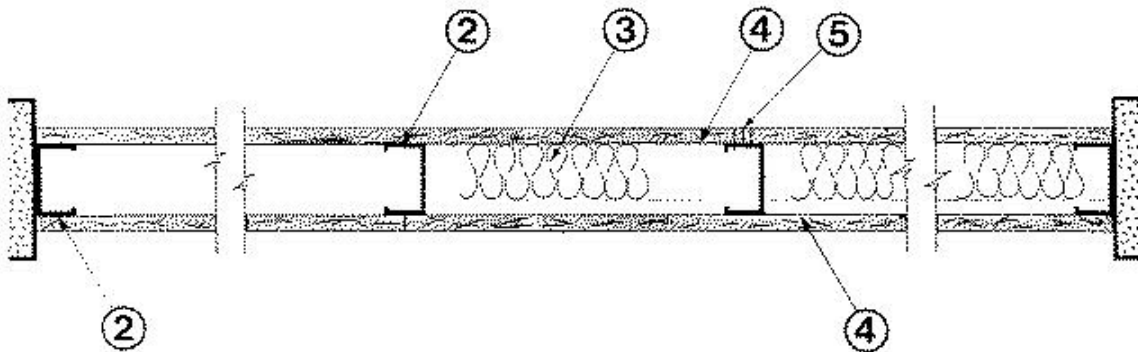
### Fire Resistance Ratings - ANSI/UL 263

[See General Information for Fire Resistance Ratings - ANSI/UL 263](#)

**Design No. U465**

November 18, 2009

**Nonbearing Wall Rating — 1 HR.**



**1. Floor and Ceiling Runners** — (not shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**1A. Framing Members\* — Floor and Ceiling Runners** — (Not shown) — As an alternate to Item 1 - Channel shaped, min 3-5/8 in. deep, attached to floor and ceiling with fasteners 24 in. OC. max.

**SCAFCO STEEL STUD MANUFACTURING CO** — Type SUPREME Framing System

**1B. Framing Members\* - Floor and Ceiling Runners** — Not shown - In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**CRACO MFG INC** — SmarterTrack20™, SmartTrack20™

**MARINO\WARE A DIV OF WARE INDUSTRIES**

**INC** — Viper20S™ Track, Viper20D™ Track

1C. **Floor and Ceiling Runners** — (Not shown)—For use with Item 2C- Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1D. **Framing Members\*— Floor and Ceiling Runners** — Not shown - In lieu of Items 1 through 1C — For use with Item 2D and 4G only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.015 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**CLARKWESTERN BUILDING SYSTEMS INC** — CW ProTRAK

**DIETRICH INDUSTRIES INC** — DIETRICH ProTRAK

**DMFCWBS L L C** — ProTRAK

2. **Steel Studs** — Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

2A. **Framing Members\*— Steel Studs** — As an alternate to Item 2 - Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

**SCAFCO STEEL STUD MANUFACTURING CO** — Type SUPREME Framing System

2B. **Framing Members\* - Steel Studs** — Not shown - In lieu of Item 2 — For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

**CRACO MFG INC** — SmarterStud20™, SmartStud20™

**MARINO\WARE A DIV OF WARE INDUSTRIES**

**INC** — Viper20S™, Viper20D™

2C. **Steel Studs** — (As an alternate to Item 2, For use with Item 4E) Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2D. **Framing Members\*— Steel Studs** — As an alternate to Items 2 through 2C- For use with Item 1D and 4G only, channel shaped studs, min 2-1/2 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

**CLARKWESTERN BUILDING SYSTEMS INC** — CW ProSTUD

**DIETRICH INDUSTRIES INC** — DIETRICH ProSTUD

**DMFCWBS L L C** — ProSTUD

3. **Batts and Blankets\*** — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

See **Batts and Blankets** (BZJZ) category for names of Classified companies.

3A. **Fiber, Sprayed\*** — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft<sup>3</sup>. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft<sup>3</sup>.

**U S GREENFIBER L L C** — Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)

3B. **Fiber, Sprayed\*** — As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

**NU-WOOL CO INC** — Cellulose Insulation

4. **Gypsum Board\*** — 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient channels) or 6A (furring channels), gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

**AMERICAN GYPSUM CO** — Types AG-C, AGX-1

**BEIJING NEW BUILDING MATERIALS PUBLIC**

**LTD CO** — Type DBX-1.

**CANADIAN GYPSUM COMPANY** — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

**CERTAINTED GYPSUM INC** — Types 1, EGRG, ProRoc Type X, ProRoc Type C.

**CERTAINTED GYPSUM CANADA INC** — ProRoc Type C, ProRoc Type X or ProRoc Type Abuse-Resistant.

**GEORGIA-PACIFIC GYPSUM L L C** — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6.

**LAFARGE NORTH AMERICA INC** — Types LGFC2, LGFC2A, LGFC6, LGFC6A, LGFC-C, LGFC-C/A, LGFC-WD.

**NATIONAL GYPSUM CO** — Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6.

**PABCO BUILDING PRODUCTS L L C, DBA**

**PABCO GYPSUM** — Type PG-C, PG-11 or PG-9.

**PANEL REY S A** — Type PRX.

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** — Type EX-1

**TEMPLE-INLAND** — Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Deadening Gypsum Board.

**UNITED STATES GYPSUM CO** — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX).

**USG MEXICO S A D E C V** — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

4A. **Gypsum Board\*** — (As alternate to Item 4) - Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. When used in widths other than 48 in., gypsum panels to be installed horizontally.

**CANADIAN GYPSUM COMPANY** — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

**CERTAINTED GYPSUM INC** — ProRoc Type X, ProRoc Type C.

**CERTAINTEED GYPSUM CANADA INC** — ProRoc Type X, ProRoc Type C.

**GEORGIA-PACIFIC GYPSUM L L C** — Types DAP, DAPC, DGG, DS.

**LAFARGE NORTH AMERICA INC** — Type LGFC6A, LGFC-C/A

**UNITED STATES GYPSUM CO** — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, , USGX (Joint tape and compound, Item 5, optional for use with Type USGX).

**USG MEXICO S A DE C V** — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

4B. **Gypsum Board\*** — (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.

**CANADIAN GYPSUM COMPANY** — Types AR, IP-AR.

**UNITED STATES GYPSUM CO** — Types AR, IP-AR.

**USG MEXICO S A DE C V** — Types AR, IP-AR.

4C. **Gypsum Board\*** — As an alternate to Items 4, 4A, and 4B - Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing.

**TEMPLE-INLAND** — GreenGlass Type X.

4D. **Gypsum Board\*** — As an alternate to Items 4, 4A, 4B, and 4C - Nom. 5/8 in. thick gypsum panels applied horizontally. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Gypsum panels fastened to framing with 1 in. long Type S steel screws 1-1/2 in. from board edges, 3 in. from board edge and every 8 in. OC in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall.

**NATIONAL GYPSUM CO** — Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW.

4E. **Gypsum Board\*** — (As an alternate to Items 4 through 4D) - Installed as described in Item 4. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC.

**NATIONAL GYPSUM CO** — SoundBreak XP Type X Gypsum Board

4F. **Gypsum Board\*** — (Not Shown) - (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

**RAY-BAR ENGINEERING CORP** — Type RB-LBG

4G. **Gypsum Board\*** — (As an alternate to Items 4 through 4F) — For use with Items 1C and 2C only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly.

**NATIONAL GYPSUM CO** — Types FSW

**UNITED STATES GYPSUM CO** — Type SCX

4H. **Wall and Partition Facings and Accessories\*** — (As an alternate to Items 4 through 4G) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

**QUIET SOLUTION INC** — Types QuietRock ES, QuietRock 527.

5. **Joint Tape and Compound** — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

6. **Resilient Channel** — (Optional-Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 pan head steel screws. May not be used with Item 4F.

6A. **Steel Framing Members (Not Shown)\*** — As an alternate to Item 3, furring channels and resilient sound isolation clip as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel.

b. **Framing Members\*** — Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips.

**PAC INTERNATIONAL INC** — Type RSIC-1.

6B. **Framing Members\*** — Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 6). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the stud with min. 1 in. long Type S-12 pan head steel screws through the center hole of the clip and the resilient channel flange.

**KEENE BUILDING PRODUCTS CO INC** — Type RC Assurance.

7. **Wall and Partition Facings and Accessories\*** — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-510 panel is installed between the steel framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

**QUIET SOLUTION INC** — Type QuietRock QR-510.

8. **Lead Batten Strips** — (Not Shown, For Use With Item 4E) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4E) and optional at remaining stud locations. Required behind vertical joints.

9. **Lead Discs or Tabs** — (Not Shown, For Use With Item 4E) - Used in lieu of or in addition to the lead batten strips (Item 8) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4E) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

\*Bearing the UL Classification Mark

Last Updated on 2009-11-18

Questions?

Notice of Disclaimer

Page Top

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An independent organization working for a safer world with integrity, precision and knowledge.



**Manufacturer** Georgia-Pacific Gypsum LLC  
 133 Peachtree Street, 8th floor, Atlanta, GA 30303  
 Technical Service Hotline 1-800-225-6119 or [www.densshield.com](http://www.densshield.com)

**Description** DensShield<sup>®</sup> Tile Backer is a substrate that, when properly installed, provides significant water and moisture resistance— making it excellent for protecting both tile installations and stud cavities. DensShield is composed of a proprietary, water-resistant treated core that is covered front and back with fiberglass mats. The mats are permanently integrated with the core during manufacturing, preventing delamination problems that can occur with paper faced greenboard. On the tile side, DensShield's exclusive heat-cured acrylic coating stops surface water and retards moisture transmission, protecting the wall cavity.

Unlike cementitious backer boards, DensShield does not require a separate water barrier. DensShield is 17 to 32 lbs. lighter per panel, depending on panel size, than cement board, which makes installation easier. DensShield provides excellent dimensional stability and strength so it can be installed parallel or at right angles to framing in wall and ceiling applications.

**Primary Uses** DensShield Tile Backer, with its patented fiberglass mat design, has been independently tested, as manufactured, in accordance with ASTM D 3273 and has scored the highest achievable rating (10 out of 10) for mold resistance. DensShield Tile Backer has been shown to be excellent for tile and non-tile installations in wet and non-wet applications, in areas of high humidity, and in fire-rated wall assemblies. It is ideal for interior walls, ceilings, residential and light commercial floors and countertop applications in high moisture areas such as baths, showers, kitchens, laundries, swimming pool areas and locker rooms.

DensShield Tile Backer is the first and only tile backer listed as a GREENGUARD microbial resistant product by a leading third-party organization, GREENGUARD Environmental Institute. This listing means DensShield Tile Backer, which features fiberglass mats instead of the paper facings used on the surface of traditional tile backers, resists mold growth. The microbial resistant test is based on ASTM Standard D 6329-98, a testing standard set by ASTM International, which develops testing guidelines and procedures for building material, products, systems and services.

DensShield provides an excellent backer for sidewalls and ceilings in bathtub and shower installations, where it provides an even, solid substrate for tile. DensShield may also be finished with paint or wallpaper for non-tile areas that require superior fire and moisture resistance where its moisture barrier and water-repelling qualities are desirable. DensShield also adds stabilizing and fire resistant qualities to countertop installations.

1/4" and 1/2" x 4' wide DensShield can be used as a substrate in floor tile applications for residential and light commercial use as defined in the Handbook for Ceramic Tile Installation by the Tile Council of North America.

**Limitations** Tiles should be applied on the grey coated side of DensShield Tile Backer.

DensShield Tile Backer should not be used in commercial saunas, steam rooms, around fireplaces or areas where prolonged exposure to heat exceeds 125°F.

DensShield panels should not be used as a shower pan base.

DensShield Tile Backer should not be used for exterior installations.

DensShield panels should not be used as a base for nailing and mechanical fastening.

DensShield Tile Backer should not be used in conjunction with passive solar heat systems.

For floors, use floor grade tile, 2" x 2" or larger.

Use framing or furring when applying over concrete or block.

Adhesives alone should not be used to install DensShield Tile Backer. Nails, screws or staples may be used alone or in combination with adhesives.

**Submittal Approvals**

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Date \_\_\_\_\_

*continued* →

**Limitations  
 (continued)**

Since DensShield<sup>®</sup> Tile Backer has a built-in moisture barrier; never install vapor retarders directly behind DensShield panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensShield panels.

DensShield Tile Backer should not be used in shower floors.

**Technical Data**

Testing by SGS U.S. Testing Company Inc. according to method ASTM D 3273 demonstrated that DensShield Tile Backer effectively resists mold growth, scoring the highest achievable rating of 10.

When tested in conformance with ASTM E 96, DensShield panels achieved a perm rating of less than 1.5 alone, 1.0 with dry set mortars and .5 when applied with a Type 1 tile mastic.

DensShield Tile Backer has passed the ICBO required percolation test permitting application without a separate water barrier.

In an independently witnessed shower installation test, DensShield panels were subjected to a shower of water at 110°F for 15 minutes per hour for a one-year period—the equivalent of 28 years of showers—in an installation with no grout. No deterioration of the tiled wall and framing members due to water infiltration occurred.

5/8" DensShield<sup>®</sup> Fireguard<sup>®</sup> Type X Tile Backer is fire rated for both 1-hour and 2-hour wall assemblies.

5/8" DensShield Fireguard Type X meets ASTM criteria for Type X (Type X fire resistant); therefore it can be substituted for Type X gypsum board specified in generic rated wall assemblies listed in the Gypsum Association Fire Reference Design Manual, Publication GA-600.

DensShield Fireguard Tile Backer is UL Classified, Type DS, in UL Design Nos. U301, U302, U305, U309, U337, U342, U354, U355, U411, U425, U465, V417 and V419.

DensShield has passed the TCA Robinson Floor Test in both 1/4" and 1/2" x 4' wide thicknesses with a rating of light commercial.

**Product Data**

Thicknesses: 1/4"—6.4mm, 1/2"—12.7mm, 5/8"—15.9mm, type X  
 Width and Length: 4' x 4' (1/4"); 32" x 5" (1/2"); 4' x 5' and 4' x 8' (1/2"); 4' x 8' (5/8")  
 Edges: Square  
 Conforms to ASTM C 1178 Fiberglass Mat Water-Resistant Gypsum Backing Panel



**SALES INFORMATION AND ORDER PLACEMENT**

U.S.A. Midwest: 1-800-876-4746 West: 1-800-824-7503  
 South: 1-800-327-2344 Northeast: 1-800-947-4497

CANADA Canada Toll Free: 1-800-387-6823  
 Quebec Toll Free: 1-800-361-0486

**TECHNICAL INFORMATION**

Georgia-Pacific Gypsum Technical Hotline  
 U.S.A. and Canada: 1-800-225-6119  
[www.gpgypsum.com](http://www.gpgypsum.com)

**TRADEMARKS**

DENSSHIELD, FIREGUARD and the GEORGIA-PACIFIC logo are trademarks owned by or licensed to Georgia-Pacific Gypsum LLC. The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.

**UPDATES AND CURRENT INFORMATION**

The information in this document may change without notice. Visit our website at [www.gpgypsum.com](http://www.gpgypsum.com) for updates and current information.

**LIMITATION OF REMEDIES AND DAMAGES**

Unless otherwise stated in our written warranty for these products, our sole liability for any product claim shall be limited to reimbursement of the cost of repair or replacement of the affected product, up to a maximum amount of two times the original purchase price for the affected product. We shall not be responsible under any circumstances for lost profits.

damage to a structure or its contents, or indirect, incidental, special or consequential damages. Claims shall be deemed waived if they are not submitted to us in writing within ten (10) days after discovery of a product defect/circumstance giving rise to a claim.

**CAUTION: For product fire, safety and use information, go to [gp.com/safetyinfo](http://gp.com/safetyinfo).**

**DISCLAIMER:**

Our fiberglass mat products may contain recycled material with small traces of cellulose fiber in the core, which will not affect the overall product performance or characteristics.

**HANDLING AND USE**

**CAUTION:** This product contains fiberglass facings which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask

or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas. For additional product fire, safety and use information go to [www.gp.com/safetyinfo](http://www.gp.com/safetyinfo) or call 1-800-225-6119.

**FIRE SAFETY CAUTION**

Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.



**CAUTION: For product fire, safety and use information, go to [gp.com/safetyinfo](http://gp.com/safetyinfo).**



ICC Evaluation Service, Inc.
www.icc-es.org

Business/Regional Office ■ 5360 Workman Mill Road, Whittier, California 90601 ■ (562) 699-0543
Regional Office ■ 900 Montclair Road, Suite A, Birmingham, Alabama 35213 ■ (205) 599-9800
Regional Office ■ 4051 West Flossmoor Road, Country Club Hills, Illinois 60478 ■ (708) 799-2305

Legacy report on the 2000 International Building Code®, the 2000 International Residential Code®, the BOCA® National Building Code/1999, the 1999 Standard Building Code® and the 1997 Uniform Building Code™

DIVISION: 09—FINISHES

Section: 09250—Gypsum Board

REPORT HOLDER:

G-P GYPSUM CORPORATION
2861 MILLER ROAD
DECATUR, GEORGIA 30035
www.gp.com/gypsum

1.0 SUBJECT

Gypsum Tile Backer Board

2.0 PROPERTIES

2.1 Moisture Resistance

2.2 Fire Resistance

3.0 DESCRIPTION

The Dens-Shield® Tile Backer is composed of a water-resistant gypsum core between two fiberglass matte faces. One face is covered with a grey acrylic base coating. Dens-Shield® Tile Backer board has the following physical characteristics:

Table with 4 columns: Thickness, Width (nominal), Length (standard), and three thickness options (1/4 inch, 1/2 inch, 5/8 inch) with their respective measurements in feet and millimeters.

G-P Gypsum Corporation Dens-Shield® Tile Backer is a nominal 1/4, 1/2, or 5/8 in. (6.4, 12.7 or 15.9 mm) thick gypsum board intended for use as a base for application of ceramic or plastic tile in bath, shower, or other high moisture areas.

4.0 INSTALLATION

The manufacturer's published installation instructions, subject to the conditions of use listed in this report, shall be strictly adhered to. A copy of these instructions shall be available at all times on the job site during installation.

The Dens-Shield® Tile Backer shall be installed so that ceramic and plastic tile is applied to the grey acrylic coated face of the Dens-Shield® Tile Backer.

Board orientation shall be either parallel with or perpendicular to the wall framing. And in such a manner as to minimize joints. A temporary 1/4 inch (6.4 mm) spacer strip shall be placed around lips of fixture or receptor. Boards shall be pre-cut to required sizes and cut outs made prior to installation. Ends and edges shall be fit closely but not forced together.

Steel or wood framing shall be spaced no greater than 24 inches (610 mm) on center for walls and 16 inches (406 mm) on center for ceilings. Dens-Shield® Tile Backer is attached to wood framing with 1 1/2 inch (38 mm) galvanized nails or 1 1/2 inch (38 mm) corrosion-resistant Type 'W' screws spaced 6 inches (152 mm) on center. Dens-Shield® Tile Backer is attached to light gauge steel framing with 1 inch (25 mm) Type S corrosion-resistant screws spaced 6 inches (125 mm) on center. Dens-Shield® Tile Backer is attached to heavy gauge steel framing with 1 inch (25 mm) Type S-12 screws spaced 6 inches (125 mm) on center. Fasteners should be driven flush with, and not penetrate into, the coated surface. Remove the 1/4 inch (6.4 mm) spacer strips before applying tile.

Before installing tile, a 2 inch (51 mm) fiberglass tape is applied over the Dens-Shield® Tile Backer joints and angles. The fiberglass tape is embedded with the adhesive used to set the tiles. Drywall joint finishing compounds shall not be used in tub and shower areas covered with tile. Allow the joints to dry before applying the tiles. Openings shall be caulked with an elastomeric sealant to prevent water penetration.

Type I ceramic tile adhesive, mortar, or latex modified mortar shall be used to set the tiles in accordance with the adhesive manufacturer's instructions.

For small areas not to be tiled, and which will not be exposed directly to moisture, joints are permitted to be finished with paper joint tape and G-P Ready Mix joint compound or setting compound in a conventional manner. Flat Trowel (skim coat) joint compound over the entire Dens-Shield® Tile Backer to produce a smooth surface. Surfaces to be painted or papered, shall be primed.

4.1 ONE HOUR FIRE RATED ASSEMBLY

Dens-Shield® tile backer is utilized as a component of a 1 hour fire-resistance rated assembly, when the assembly is constructed as follows:

The wall assembly is composed of a nominal 2 1/2 inch (64 mm) metal 'C' studs aligned 16 inch on centers, and friction fitted into a 2 1/2 inch (64 mm) 'U' track. Exposed and unexposed faces are covered with a 1/2 inch (12.7 mm) Georgia Pacific Dens-Shield® Tile Base. The wall shall be insulated with 3 1/2 inch (89 mm) thick by 16 inch (406 mm) wide unfaced R-11

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fiberglass batts, which are friction fit into the cavity. Boards are fastened with 1 inch (25 mm) Type S screws. Orientation of the board shall be parallel to framing with joints staggered between long dimensioned sides. Fastener spacing shall be 8 inch (203 mm), and 1/2 inch (12.7 mm) from the edge.

#### 4.2 TWO HOUR FIRE RATED ASSEMBLY

Dens-Shield® Tile Backer is utilized as a component of a 2 hour fire-resistance rated assembly, when the assembly is constructed as follows:

The assembly is composed of nominal 2 1/2 inch (64 mm) metal "C" studs aligned 24 inches (610 mm) on center, and friction fitted into a 2 1/2 inch (64 mm) "U" track. Exposed and unexposed faces shall be covered with a 1/2 inch (12.7 mm) Georgia-Pacific Fireguard Type C as the base layer. The face layer material is a single layer of Georgia-Pacific 1/2 inch (12.7 mm) Dens-Shield® Tile Base on both the exposed and unexposed faces. Orientation of both face layer and base layer are parallel to framing with joints staggered between long dimensioned sides. Attachment of assembly is with 1 5/8 inch (41 mm) Type S screws.

#### 5.0 IDENTIFICATION

All packages containing Dens-Shield® Tile Backer as described in this report shall be identified by a label bearing the manufacturer's name and address, the NES logo, and this report number for field identification.

#### 6.0 EVIDENCE SUBMITTED

- 6.1 Manufacturer's descriptive literature and installation instructions dated September, 1998.
- 6.2 Timber Products Inspection, Project No. 86-18, dated October 20, 1986, containing reports of physical properties testing in accordance with ASTM C 473. Except for the Nail-Pull Resistance, the Dens-Shield® Tile Backer met or exceeded the specific values given in ASTM C 630. The reported nail-pull resistance was 72 lbf versus the minimum nail-pull resistance of 80 lbf.
- 6.3 CTC-GEOTEK, Incorporated Project No. 937017- Test #1, dated November 15, 1993, containing results of testing in accordance with ASTM C 627.
- 6.4 CTC-GEOTEK, Incorporated Project No. 937017- Test #2, dated November 16, 1993, containing results of testing in accordance with ASTM C 627.
- 6.5 CTC-GEOTEK, Incorporated Project No. 937017- Test #3, dated November 17, 1993, containing results of testing in accordance with ASTM C 627.

- 6.6 CTC-GEOTEK, Incorporated Project No. 937017- Test #4, dated November 17, 1993, containing results of testing in accordance with ASTM C 627.
- 6.7 CTC-GEOTEK, Incorporated Project No. 937017- Test #5, dated November 16, 1993, containing results of testing in accordance with ASTM C 627.
- 6.8 Commercial Testing Company, Report No. 60712, Test No. 1897-1655, dated January 11, 1988, containing results of testing in accordance with ASTM E 119.
- 6.9 Commercial Testing Company, Report No. 60604, Test No. 1894-1530, dated January 15, 1988, containing results of testing in accordance with ASTM E 119.
- 6.10 Timber Products Inspection, Project No. 86-18, dated November 6, 1986, containing results of moisture vapor transmission testing in accordance with ASTM E 96.
- 6.11 Timber Products Inspection, Project No. 86-18, dated February 4, 1987, containing results of shower test on ceiling application as a supplement to ASTM C 630.

#### 7.0 CONDITIONS OF USE

The ICC-ES Subcommittee for the National Evaluation Service finds that the Dens-Shield® Tile Backer as described in this report complies with the requirements specified in the 2000 *International Building Code*®, the 2000 *International Residential Code*®, the BOCA® *National Building Code/1999*, the 1999 *Standard Building Code*®, and the 1997 *Uniform Building Code*™, subject to the following conditions:

- 7.1 Dens-Shield® Tile Backer shall be installed in accordance with the manufacturer's instructions, subject to the conditions of this report.
- 7.2 Dens-Shield® Tile Backer when stored outside, shall be covered and stacked off the ground. The maximum time the Dens-Shield® Tile Backer is allowed to be outside is one month.
- 7.3 The fastener spacing for installation of Dens-Shield® Tile Backer shall be given in Table 1 of this report, or, if applicable, as stated in Section 4.1 and 4.2 of this report.
- 7.4 Dens-Shield® Tile Backer is limited to use on walls, countertops, floors, and ceilings in bath and shower areas as a backer board for ceramic or plastic tile.
- 7.5 Dens-Shield® Tile Backer used as a component in a structural assembly is outside the scope of this report.
- 7.6 This report is subject to periodic re-examination. For information on the current status of this report, contact the ICC-ES.

TABLE 1—FASTENER SPACING\* – FOR 1/2 INCH DENS-SHIELD® TILE BACKER

FASTENER TYPE	LOCATION	SPACING
Single Nail Single Nail	Ceilings Walls	6 inches o.c. 7 inches o.c.
Screws Screws Screws	Ceilings Walls (framing members 16 inches o.c.) Walls (framing members 24 inches o.c.)	10 inches o.c. 14 inches o.c. 10 inches o.c.
Double Nailing Double Nailing	Walls Ceilings	10 inches between double nails in field / 7 inches o.c. at edge 10 inches between double nails in field / 7 inches o.c. at edge

Notes to Table 1: 1 inch = 25.4mm

\* Fastener spacing is based on maximum spacing of gypsum board in accordance with:

Section 2505 of the 2000 *International Building Code*®,

Table R702.3.5 of the 2000 *International Residential Code*®,

Table 2503.3 of the BOCA® *National Building Code/1999*,

Table 2506 of the 1999 *Standard Building Code*®, and Tables 25-G and 25-H of the 1997 *Uniform Building Code*™.

**DME ACCESS, INC.****FAX COVER LETTER***Since 1977***RESIDENTIAL ELEVATORS • LU/LA ELEVATORS • STAIRWAY LIFTS • WHEELCHAIR LIFTS • DUMBWAITERS**

DATE January 22, 2010

FAX #: 847-677-3142# of Pages: 4  
(Includes this Sheet)To: F.J. Development  
Attn: Estimating

From: Stewart Slack

RE: Dumbwaiter

Estimating:

Following is DME Access' proposal to furnish and install a Matot brand Dumbwaiter for your facility.

Please review and call with questions. Otherwise, hopefully I'll hear from you soon about proceeding further. Thanks.

Sincerely,

Stewart Slack  
DME ACCESS, Inc.

SS/mj



1717 Industrial Drive • Montgomery, IL 60538

(630) 892-7400 • Fax (630) 892-7401

www.dmeaccess.com info@dmeaccess.com

FJ Development Corp.

Addendum #1



Page 22 of 26



**PROPOSAL/CONTRACT  
DUMBWAITER**

Date: January 22, 2010

Since 1977

**RESIDENTIAL ELEVATORS • LU/LA ELEVATORS • STAIRWAY LIFTS • WHEELCHAIR LIFTS • DUMBWAITERS**

## JOB:

ODOBA Mexican RestChicago, IL

DME ACCESS HEREBY PROPOSES TO FURNISH AND INSTALL A DUMBWAITER SYSTEM WITH THE FOLLOWING SPECIFICATIONS AND FEATURES:

SPECIFICATIONSManufacturer: MatotModel: AmbassadorCapacity: 250 lbs.Speed: 50 f.p.m.# of Stops: 2Cab Configuration: OppositePower: 230 Volt, 1 PhaseCar Size: 30 x 24 x 48Travel: 10'-0"Finish: # 4 Finish Stainless SteelLoading Configuration: Counter HeightMachine Location: Below In Shaft

**WARRANTY: ONE YEAR LIMITED PARTS & LABOR  
INCLUDES 1 PLANNED MAINTENANCE VISIT**

FEATURES

- Stainless Steel Bi-Parting Car Gates (Qty. 2)
- Stainless Steel Fire-Rated Bi-Parting Hoistway Doors (Qty. 2)
- Removable Shelf
- Car Light
- Swing Machine Access Door

- Pushbutton Landing Controls
- Combination Door Open/In Use Lights
- Car Here Light and Chimes
- Door Open Buzzer

SCOPE OF WORK/QUALIFICATIONS BY OTHERS

- \* Hoistway Enclosure (including rail bracket backing and motor unit pockets).
- \* Pit Recess in Floor, (If applicable) Lintels over Hoistway Entrances, and Necessary Entrance Returns.
- \* Main Power Disconnect Switch to Dumbwaiter.
- \* Pit Light, Switch, and Electrical Outlet in Hoistway.

**FURNISHED & INSTALLED COST \$ 33,825.00  
(Permit/Inspection Fees Included)**

BY: Stewart Slack

Stewart Slack

PAYMENT TERMS:

SEE ACCOMPANYING ATTACHMENT "B"

- \* Proposal is contingent upon a more formal site visit or Architectural drawings.
- \* Proposal is based on acceptance of DME standard insurance coverage (See Sample Certificate). \*Items beyond these coverages may be provided at additional costs.
- \* The above proposed cost is good if accepted within 30 days of proposal/contract date.
- \* An agreed upon, signed proposal/contract amount is subject to change if the equipment installation is not completed within 1 year from the date of acceptance.

ACCEPTANCE OF PROPOSAL

The above prices, specifications, and conditions are satisfactory, understood, and are hereby accepted. I am aware that cancellation of this contract may result in charges up to including the purchase price above. Payment to be made as outlined above.

SIGNED: \_\_\_\_\_

PURCHASER OR AGENT

DATE: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

**PLEASE SEND SIGNED PROPOSAL WITH INITIAL PAYMENT DRAW TO CONSTITUTE AN ORDER**



1717 Industrial Drive • Montgomery, IL 60538

(630) 892-7400 • Fax (630) 892-7401

www.dmeaccess.com info@dmeaccess.com

FJ Development Corp.

Addendum #1



Page 23 of 26

**DME ACCESS, INC.****ATTACHMENT "B"****PAYMENT TERMS/DRAW SCHEDULE**PROJECT: ODOBA Mexican RestaurantPROPOSAL DATE: January 22, 2010

TO PLACE AN ORDER, A SIGNED PROPOSAL/CONTRACT, ATTACHMENT "B", AND THE INITIAL PAYMENT DRAW MUST BE SUBMITTED. THE BALANCE OF THE CONTRACT AMOUNT MUST BE PAID PER THE FOLLOWING SCHEDULE:

**PAYMENT/DRAW SCHEDULE**

TOTAL CONTRACT AMOUNT	\$ <u>33,825.00</u>
1. INITIAL PAYMENT DRAW DUE AT TIME OF ORDER: (Shop Drawings, Permits, Engineering and Coordination)	\$ <u>3,382.00</u>
2. PAYMENT DRAW DUE WITH RETURN OF APPROVED DRAWING & PRIOR TO PLACING UNIT INTO PRODUCTION:	\$ <u>13,530.00</u>
3. PAYMENT DRAW DUE ON DELIVERY: (Due when equipment is delivered to jobsite or is available to be delivered on the date confirmed)	\$ <u>15,222.00</u>
4. BALANCE IN FULL DUE ON INSPECTION: (The above payment draws #1, #2, and #3 must be paid prior to inspection)	\$ <u>1,691.00</u>

NOTE: EQUIPMENT WILL NOT BE RELEASED FOR FABRICATION IF DME ACCESS HAS NOT RECEIVED PAYMENT DRAWS #1 & #2.

---

**Customer Approval**


---

**Print Name**


---

**Customer Company**


---

**Customer Approval Date**


---

  
**DME ACCESS, INC. – Stewart Slack**


---

**January 22, 2010**


---

**Date**

(3/16/07-#2-DUE)

1717 INDUSTRIAL DRIVE • MONTGOMERY, IL 60538 • 630-892-7400 • FAX 630-892-7401  
 (Website) [www.dmeaccess.com](http://www.dmeaccess.com) (E-mail) [info@dmeaccess.com](mailto:info@dmeaccess.com)



<b>SCOPE OF WORK APPROVAL</b>	
___ APPROVED	___ APPROVED AS NOTED
DATE: _____	
NAME: _____	
SIGNATURE: _____	
COMPANY: _____	

**ATTACHMENT "A"****D.A. MATOT DUMBWAITER****"SCOPE OF WORK"**Job: ODOBA Mexican Restaurant

THE FOLLOWING WORK IS NOT THE RESPONSIBILITY OF DME ACCESS:

- A. Plumb Hoistway! Due to close running clearance, General Contractor must assure the hoistway is constructed plumb and square 42 Wide x 33 Deep, finished dimensions.
  - B. Backing for rails to be 2 x 12 wood from floor to ceiling of shaftway in locations shown on the drawings.
  - C. No conduit, wiring or piping other than that pertinent to lift equipment is permitted in the shaftway.
  - D. Heavy duty, lockable, fused disconnect switch and interlocking cover required as follows:  
 (located on exterior of shaft 5' off designated floor)  
 Motor and equipment: 208 volts, or 230 volts, 1 phase;  
 Amperage to be determined
- If the dumbwaiter controller and the electrical main power disconnect is not to be located at the lowest level directly adjacent to the dumbwaiter a second disconnect will need to be provided directly adjacent to the dumbwaiter motor drive unit.
- E. Both shaftway and controller area must be temperature controlled between 50 and 80 degrees.
  - F. Suitable lintels over landing entrances. Please note that entrance frames are not designed to support overhead wall loads. Door units (landing entrances) set in place by DME ACCESS and permanently installed by others.
  - G. Hoistway door walls must be left open at each floor, full width of shaft.
  - H. Adequate support for guide rail fastening, etc. Building structural engineer to assure that building and shaft will safely support all loads imposed by the lift equipment.
  - I. 110 volt light fixture, switch and convenience outlet in shaftway. Coordinate directly onsite with DME Access.
  - J. Necessary barricades inside or outside of hoistway during construction.
  - K. Any necessary electrical permit and fees are by others. (DME ACCESS obtains elevator permit.)

**DME ACCESS, Inc • 1717 Industrial Drive • Montgomery, IL 60538 • (630) 892-7400 • Fax (630) 892-7401**  
 (Website) [www.dmeaccess.com](http://www.dmeaccess.com) (E-mail) [info@dmeaccess.com](mailto:info@dmeaccess.com)

# ACORD CERTIFICATE OF LIABILITY INSURANCE

CSR  
DMEACC1

DATE (MM/DD/YYYY)  
07/07/09

**PRODUCER**

Thomas J. Masterson & Company  
128 West St. Charles Road  
Lombard IL 60148  
Phone: 630-889-0092

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURED**

DME Access, Inc.  
1717 Industrial Dr.  
Montgomery IL 60538

**INSURERS AFFORDING COVERAGE**

**NAIC #**

INSURER A:	EMPLOYERS MUTUAL CASUALTY	32808
INSURER B:	Greenwich Insurance Co.	22322
INSURER C:	Scottsdale Insurance Company	
INSURER D:		
INSURER E:		

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS			
B		GENERAL LIABILITY	EGG6000694-04	07/07/09	07/07/10	EACH OCCURRENCE	\$ 1,000,000		
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000		
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$ 10,000		
		<input checked="" type="checkbox"/> General Agg per jobsite				PERSONAL & ADV INJURY	\$ 1,000,000		
		GEN'L AGGREGATE LIMIT APPLIES PER:			GENERAL AGGREGATE	\$ 3,000,000			
		<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			PRODUCTS - COMP/OP AGG	\$ Included GA			
A		AUTOMOBILE LIABILITY	1E15486	07/07/09	07/07/10	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000		
		<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$		
		<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$		
		<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	\$		
		<input checked="" type="checkbox"/> HIRED AUTOS			AUTO ONLY - EA ACCIDENT	\$			
		<input checked="" type="checkbox"/> NON-OWNED AUTOS			OTHER THAN EA ACC AGG	\$			
C		GARAGE LIABILITY	UMS0024666	07/07/09	07/07/10	EACH OCCURRENCE	\$ 5,000,000		
		<input type="checkbox"/> ANY AUTO				AGGREGATE	\$ 5,000,000		
		EXCESS/UMBRELLA LIABILITY							\$
		<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE							\$
		<input type="checkbox"/> DEDUCTIBLE				\$			
		<input checked="" type="checkbox"/> RETENTION \$10,000				\$			
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	1H15486	07/07/09	07/07/10	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER			
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	\$ 1,000,000		
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000		
		OTHER				E.L. DISEASE - POLICY LIMIT	\$ 1,000,000		

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS**

1. Worker's Compensation waiver of subrogation \$100 per job
2. Commercial General Liability waiver of subrogation-upon request only
3. Commercial General Liability Primary and Non-Contributory-upon req only
4. Owners and Contractors Protective Policy- upon req only
5. Bus. Auto-Additional Insured \$100 per job, Waiver Subro \$100 per job

**CERTIFICATE HOLDER**

Sample  
See description of operations for additional Options and changes.

SAMPLEC

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

*Thomas Masterson*