



September 13, 2006

Juan Tapia  
 Hidalgo County Purchasing Department  
 100 E. Cano St., 4<sup>th</sup> Floor  
 Edinburg, TX 78539

Via Fax: 318-2629

Re: Sub-Station Remodeling, Hidalgo County Sheriff's Department  
 Hidalgo County Courthouse, Edinburg, TX  
 General Contractor: Finco Construction

Dear Mr. Tapia,

Based on the County Auditor's office information and our files, the status of the Construction Contract is currently as follows:

Original Construction Contract Amount .....	\$ 414,900.00
Additions (Change Orders 1, 2, 3 & 4) .....	<u>93,702.10</u>
Contract amount after Change Orders .....	\$ 508,602.10
Less un-used Allowances .....	<u>\$ 2,386.75</u>
Adjusted contract amount .....	\$ 506,215.35
Less paid to Finco by County (as per County Auditor's Office) .....	<u>472,264.65</u>
Account balance .....	\$ 33,950.70

Sincerely,

*George A. Garcia*  
 George A. Garcia  
 Project Architect

**AGADC**  
ALCÓCER GARCÍA ASSOCIATES  
DESIGN CONSULTING

September 11, 2006

Martha Salazar, Purchasing Agent  
Hidalgo County Purchasing Department  
100 E. Cano  
Edinburg, TX 78539

Re: Sub-Station Remodeling, Hidalgo County Sheriff's Department  
Hidalgo County Courthouse, Edinburg, TX

Dear Ms Salazar,


I reviewed the itemized proposal submitted to the County by Jamail Construction for the work that needs to be done to the air conditioning system.

In addition to the installation of the missing components, the Jamail proposal includes correcting the defective work they uncovered during their inspections, the removal and re-installation of the security ceilings as necessary, cutting and patching the affected wall, adding the electrical connections and includes the final testing and balancing of the system, as requested.

Please note that the proposal cost total includes a \$ 5,000.00 Contingency Allowance to be used, if needed. The cost proposal figure also includes \$ 1,899.38 for replacing the security lights at the two original cells. Replacing these lights was not part of the Finco contract.

I recommend that the County consider the above and award the work to Jamail Construction, based on the proposal as submitted. Please let me know if I can provide any further information.

Sincerely,

  
George A. Garcia  
Architect

cc: J. Tapia,  
Hidalgo county Purchasing Dept.

AGAD 1335 East Jasmine Avenue • McAllen, Texas, 78501 • 956.618.2007 / Fax 618.2008



September 7, 2006

Mr. Juan Tapia  
Hidalgo County Purchasing Dept  
100 East Cano, 4th For, Adm. Bldg.  
Edinburg, Texas 78539

Reference: Proposal for RFP No. 06-253-jmt "Completion of Renovation of the Courthouse Building Basement"

CORPORATE  
16875 Diana Lane  
Houston, TX 77058  
281.461.7075 ph  
281.461.7280 fax

HOUSTON  
228 McCarty  
Bldg. #1724  
Houston, TX 77029  
713.842.1565 ph  
713.674.0814 fax

GALVESTON  
6710 Stewart Road  
Suite 101  
Galveston, TX 77551  
409.741.8365 ph  
409.741.9435 fax

AUSTIN  
8868 Research Blvd.  
Suite 102  
Austin, TX 78758  
512.288.1200 ph  
512.371.7949 fax

DALLAS/FORT WORTH  
1430 Regal Row  
Suite 320  
Dallas, Texas 75247-3600  
214.879.1990 ph  
214.879.1998 fax

KILLEEN  
501 W. Elms Road  
Suite 11  
Killeen, TX 76542  
254.526.7538 ph  
254.526.0729 fax

RIO GRANDE VALLEY  
502 E. Expressway 83  
Suite C  
Weslaco, TX 78596  
956.447.8282 ph  
956.447.8208 fax

SAN ANTONIO  
121 Interpark  
Suite 701  
San Antonio, TX 78216  
210.615.1302 ph  
210.615.1304 fax

Mr. Tapia,

The following offer reflects work to be performed under the "Buyboard" method for procuring construction services. The scope of the work is primarily HVAC and involves the installation of a fresh air intake duct run, inspection of the existing system for defects and proper functioning, installation of a motorized damper and related items as shown on the Engineer's sketch provided by the County, testing and balancing of the existing AC system and installation of two specified light fixtures. The work shall follow closely the Scope of Work information supplied by the County.

All work shall be consistent with local industry standards and code requirements. The work shall bear the standard guarantees effective the date of substantial completion. This proposal includes the cost for all permits and fees.

This proposal shall contain a Five-Thousand-Dollar (\$5,000.00) contingency fund to be used for repair of hidden deficiencies and/or as per the County's direction.

**Exclusions:**

Any and all requirements not specifically identified in the Scope of Work.

Any and all professional services, site investigations, surveys, reproduction costs, liquidated damages and /or taxes.

Other warranties or guarantees written or implied other than the standard labor and material men warranty issued by JAMAIL CONSTRUCTION.

The following cost breakdown is provided:

Total Estimated Cost.....	\$45,245.29
Less Contractor's Coefficient (24.8%).....	<\$11,220.83>
Less City Cost Index (18.8%).....	<\$6,396.60>
 Total Cost.....	 \$27,627.86
Contingency Fund.....	\$5,000.00
 TOTAL AMOUNT.....	 \$32,627.86

If you have any questions pertaining to this proposal please do not hesitate to call me at (956) 425-4160 or ((956) 650-0644.

Thank you for considering JAMAIL CONSTRUCTION and the BUYBOARD.

SINCERELY,

*Kent Van Eman*

Kent Van Eman  
Regional Project Manager  
Jamail construction

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Author : Miguel Dones  
 Descr : Completion of HVAC Renovations @ Courthouse  
 Notes : McAllen CCI-81.2%  
 McAllen BB Conf Std Hrs 75.10%  
 P&P Bond-4.5%  
 Permit & Fees-1%

Division: 01000000

## General Requirements

Line #: 01310 700 0160 M Field personnel, general purpose laborer, average  
 Qty: 3.000 Crew: Unit: Week  
 Lab. Hr: 0.000 Mat.: \$0.00 Labor: \$1,100.00 Equip: \$0.00 D/O: 0.000  
 0.000 \$0.00 \$3,300.00 \$0.00 Total: \$1,100.00  
 \$3,300.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: general laborer for jobsite

Line #: 01310 700 0240 M \*Field personnel, carpenter, minimum  
 Qty: 3.000 Crew: Unit: Week  
 Lab. Hr: 0.000 Mat.: \$0.00 Labor: \$1,450.00 Equip: \$0.00 D/O: 0.000  
 0.000 \$0.00 \$4,350.00 \$0.00 Total: \$1,450.00  
 \$4,350.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: jobsite carpenter

Line #: 01310 700 0280 M Field personnel, superintendent, maximum  
 Qty: 3.000 Crew: Unit: Week  
 Lab. Hr: 0.000 Mat.: \$0.00 Labor: \$1,800.00 Equip: \$0.00 D/O: 0.000  
 0.000 \$0.00 \$5,400.00 \$0.00 Total: \$1,800.00  
 \$5,400.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: jobsite superintendent

Line #: 01540 755 4400 M Scaffold, rolling towers, incl wheels, railings, up to 21' hi, rent/mo  
 Qty: 2.000 Crew: Unit: Ea  
 Lab. Hr: 0.000 Mat.: \$167.00 Labor: \$0.00 Equip: \$0.00 D/O: 0.000  
 0.000 \$334.00 \$0.00 \$0.00 Total: \$167.00  
 \$334.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: rental of rolling scaffold

Line #: 01540 760 5300 M Staging aids, install & remove wood plank, 2x10x16'  
 Qty: 4.000 Crew: CARP Unit: Ea  
 Lab. Hr: 0.200 Mat.: \$0.00 Labor: \$7.10 Equip: \$0.00 D/O: 80.000  
 0.800 \$0.00 \$28.40 \$0.00 Total: \$7.10  
 \$28.40

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: wood planks for scaffold

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 01540 800 0050 M	Tarpaulins, cotton duck, 10 oz to 13.13 oz per s.y, maximum						
Qty: 1,000.000	Crew:	Unit:	S.F.				D/O: 0.000
Lab. Hr: 0.000	Mat.: \$0.58	Labor: \$0.00	Equip: \$0.00	Total: \$0.58			
	0.000	\$580.00	\$0.00	\$0.00	\$0.00	\$580.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: throw down tarp for rolling scaffold

Line #: 01740 500 0052 M	Cleanup of floor area, continuous, per day, during const.						
Qty: 10.000	Crew: A5	Unit: M.S.F.					D/O: 16.000
Lab. Hr: 1.125	Mat.: \$1.70	Labor: \$31.00	Equip: \$2.01	Total: \$34.71			
	11.250	\$17.00	\$310.00	\$20.10	\$347.10		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: daily cleanup

Line #: 01740 500 0100 M	Cleanup, floor area, final, by GC						
Qty: 3.000	Crew: A5	Unit: M.S.F.					D/O: 11.500
Lab. Hr: 1.565	Mat.: \$2.71	Labor: \$43.00	Equip: \$2.80	Total: \$48.51			
	4.695	\$8.13	\$129.00	\$8.40	\$145.53		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: final cleanup by GC

### General Requirements

Mat: \$939.13	Labor: \$13,517.40	Equip: \$28.50	Labor Hrs: 16,745
			Division Total: \$14,485.03

### Division: 06000000

### Wood & Plastics

Line #: 06090 700 3100 M	Sheet metal screws, SS W/aluminum or neoprene washers, #14 x 2", plain						
Qty: 1.000	Crew:	Unit: C					D/O: 0.000
Lab. Hr: 0.000	Mat.: \$25.00	Labor: \$0.00	Equip: \$0.00	Total: \$25.00			
	0.000	\$25.00	\$0.00	\$0.00	\$25.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: line item utilized for tamper proof 5star head screws

Line #: 06250 200 1300 M	Paneling, hdbd, not incl. furring or trim, plstc faced hdbd, 1/4" thk						
Qty: 800.000	Crew: CARP	Unit: S.F.					D/O: 500.000
Lab. Hr: 0.032	Mat.: \$0.00 *	Labor: \$1.14	Equip: \$0.00	Total: \$1.14			
	25.600	\$0.00	\$912.00	\$0.00	\$912.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: removal of existing ceiling hard plastic labor only

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 06250 200 1300 M	Paneling, hdbd, not incl. furring or trim, plstc faced hdbd, 1/4" thk								
Qty: 800.000	Crew: CARP	Unit: S.F.						D/O: 500.000	
Lab. Hr: 0.032	Mat: \$0.00 *	Labor: \$1.14	Equip: \$0.00	Total: \$1.14					
25.600	\$0.00	\$912.00	\$0.00	\$912.00					

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: reinstall hard plastic ceiling, labor only

## Wood & Plastics

Mat: \$25.00	Labor: \$1,824.00	Equip: \$0.00	Labor Hrs: 51.200
			Division Total: \$1,849.00

Division: 09000000

## Finishes

Line #: 09060 130 2300 M	Walls & partitions demo, met or wood studs, fin 2 sides, plasbd (drywa								
Qty: 8.000	Crew: B1	Unit: S.F.						D/O: 520.000	
Lab. Hr: 0.046	Mat: \$0.00	Labor: \$1.30	Equip: \$0.00	Total: \$1.30					
0.368	\$0.00	\$10.40	\$0.00	\$10.40					

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: demo existing drywall and metal studs

Line #: 09110 100 1640 M	Meta studs ptn, 8' H, N.L.B., galv, 25 ga 3-5/8" W, 16" OC								
Qty: 5.000	Crew: CARP	Unit: S.F.						D/O: 600.000	
Lab. Hr: 0.013	Mat: \$0.33	Labor: \$0.47	Equip: \$0.00	Total: \$0.80					
0.065	\$1.65	\$2.35	\$0.00	\$4.00					

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: frame opening 36" x 18"

Line #: 09910 650 1500 M	Coatings & paints, interior, alkyd (oil), primer sealer								
Qty: 1.000	Crew:	Unit: Gal.						D/O: 0.000	
Lab. Hr: 0.000	Mat: \$19.20	Labor: \$0.00	Equip: \$0.00	Total: \$19.20					
0.000	\$19.20	\$0.00	\$0.00	\$19.20					

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: primer for touch ups

Line #: 09910 650 1600 M	Coatings & paints, interior, alkyd (oil), semi-gloss								
Qty: 2.000	Crew:	Unit: Gal.						D/O: 0.000	
Lab. Hr: 0.000	Mat: \$23.00	Labor: \$0.00	Equip: \$0.00	Total: \$23.00					
0.000	\$46.00	\$0.00	\$0.00	\$46.00					

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: paint for touch ups

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 09910 920 0400 M	Walls & clgs, conc, dry wl or plas, oil base, pnt 1 coat, sm fin, brushwork						
Qty: 1,000.000	Crew: PORD	Unit: S.F.					D/O: 1,200.000
Lab. Hr: 0.007	Mat: \$0.05	Labor: \$0.21	Equip: \$0.00	Total: \$0.26			
	7.000	\$50.00	\$210.00	\$0.00	\$0.00	\$260.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: panit i coat for touch ups

<b>Finishes</b>							
Mat: \$116.85	Labor: \$222.75	Equip: \$0.00	Labor Hrs: 7.433				
			Division Total:	\$339.60			

**Division: 15000000 Mechanical**

Line #: 15080 200 3170 M	Insulation, duct, blanket fbgl, flex, FRK, .75 lb dens, 1.5" thk						
Qty: 800.000	Crew: Q14	Unit: S.F.					D/O: 320.000
Lab. Hr: 0.050	Mat: \$0.30	Labor: \$1.76	Equip: \$0.00	Total: \$2.06			
	40.000	\$240.00	\$1,408.00	\$0.00	\$0.00	\$1,648.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: insulation of approximately 125 lf for ductwork, joints, laps, etc...

Line #: 15080 600 7120 M	Insulation, pipe covering, fbgl, all svce jkt, 1.5" wall, 1.25" IPS						
Qty: 150.000	Crew: Q14	Unit: L.F.					D/O: 200.000
Lab. Hr: 0.080	Mat: \$1.96	Labor: \$2.81	Equip: \$0.00	Total: \$4.77			
	12.000	\$294.00	\$421.50	\$0.00	\$0.00	\$715.50	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: re-insulate chiller water line

Line #: 15080 600 7120 M	Insulation, pipe covering, fbgl, all svce jkt, 1.5" wall, 1.25" IPS						
Qty: 150.000	Crew: Q14	Unit: L.F.					D/O: 200.000
Lab. Hr: 0.080	Mat: \$1.96	Labor: \$2.81	Equip: \$0.00	Total: \$4.77			
	12.000	\$294.00	\$421.50	\$0.00	\$0.00	\$715.50	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: removal existing insulation chiller water lines

Line #: 15110 800 2210 M	Valves, stainless steel, gate, OS&Y, 150 lb., flanged, 6" size						
Qty: 1.000	Crew: Q2	Unit: Ea.					D/O: 3.000
Lab. Hr: 8.000	Mat: \$2,925.00	Labor: \$320.00	Equip: \$0.00	Total: \$3,245.00			
	8.000	\$2,925.00	\$320.00	\$0.00	\$0.00	\$3,245.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: chilled water controlled valve

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 15810 100 0520 M	Ductwork, fab rect, inclc fngs, jts, sprts, galv st, 200 to 500 lb.						
Qty: 500.000	Crew: Q10	Unit: Lb.					D/O: 245.000
Lab. Hr: 0.098	Mat.: \$0.81	Labor: \$3.85	Equip: \$0.00	Total: \$4.66			
49.000	\$405.00	\$1,925.00	\$0.00	\$0.00	\$2,330.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: metal duct work 36/18 x 30'

Line #: 15810 100 9990 M	AC&V duct ss strt lgth min labor/equipment charge						
Qty: 20.000	Crew: SHEE	Unit: Job					D/O: 3.000
Lab. Hr: 2.667	Mat.: \$0.00	Labor: \$112.00	Equip: \$0.00	Total: \$112.00			
53.340	\$0.00	\$2,240.00	\$0.00	\$0.00	\$2,240.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: line item utilized for inspection of existing 380 lf of duct work, straps and insulation

Line #: 15820 300 6152 M	AC&V damper opposed blade 36"x16"						
Qty: 1.000	Crew: Q9	Unit: Ea.					D/O: 8.000
Lab. Hr: 2.000	Mat.: \$89.00	Labor: \$76.00	Equip: \$0.00	Total: \$165.00			
2.000	\$89.00	\$76.00	\$0.00	\$0.00	\$165.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: motorized damper

Line #: 15830 100 1500 M	Fans, AC and process air handling, vaneaxial, LP, 2000 CFM, 1/2 HP						
Qty: 1.000	Crew: Q20	Unit: Ea.					D/O: 3.600
Lab. Hr: 5.556	Mat.: \$1,350.00	Labor: \$215.00	Equip: \$0.00	Total: \$1,565.00			
5.556	\$1,350.00	\$215.00	\$0.00	\$0.00	\$1,565.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: turning vane

Line #: 15850 300 9000 M	Diffusers min labor/equip charge						
Qty: 24.000	Crew: SHEE	Unit: Job					D/O: 4.000
Lab. Hr: 2.000	Mat.: \$0.00	Labor: \$84.50	Equip: \$0.00	Total: \$84.50			
48.000	\$0.00	\$2,028.00	\$0.00	\$0.00	\$2,028.00		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: line item utilized for inspecting of existing ceiling diffusers for proper installation, removal & reinstall

Line #: 15850 500 2100 M	Grilles, aluminum, door grilles, 24" x 24"						
Qty: 1.000	Crew: SHEE	Unit: Ea.					D/O: 15.000
Lab. Hr: 0.533	Mat.: \$112.00	Labor: \$22.50	Equip: \$0.00	Total: \$134.50			
0.533	\$112.00	\$22.50	\$0.00	\$0.00	\$134.50		

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: duct access panel

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 15850 500 3060 M	Grilles, aluminum, filter grille with filter, 24" x 24"								
Qty: 1.000	Crew: SHEB	Unit: Ea.						D/O: 16.000	
Lab. Hr: 0.500	Mat: \$118.00	Labor: \$21.00	Equip: \$0.00	Total: \$139.00					
	0.500	\$118.00	\$21.00	\$0.00	\$0.00			\$139.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: 1' aluminum filter

Line #: 15850 600 5000 M	Louvers, alum, W/scrn, mill fin, thinline, under 4" thk, fxd blade								
Qty: 5.000	Crew: SHEB	Unit: S.F.						D/O: 40.000	
Lab. Hr: 0.200	Mat: \$17.40	Labor: \$8.45	Equip: \$0.00	Total: \$25.85					
	1.000	\$87.00	\$42.25	\$0.00	\$0.00			\$129.25	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: 36' x 18" metal louver w/straight blades & filter

Line #: 15955 100 0010 U	Balancing, air (subcontractor's quote incl material & labor)								
Qty: 1.000	Crew:	Unit:						D/O: 0.000	
Lab. Hr: 0.000	Mat: \$0.00	Labor: \$0.00	Equip: \$0.00	Total: \$5,675.00					
	0.000			\$0.00	\$0.00			\$5,675.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Subcontracted \*

Notes: test & balance of HVAC approximately 3000 s/f area and 380 lf ductwork

Line #: 15955 100 1100 M	Balancing, air, htg&vent unit								
Qty: 2.000	Crew:	Unit: Ea.						D/O: 0.000	
Lab. Hr: 0.000	Mat: \$0.00	Labor: \$485.00 *	Equip: \$0.00	Total: \$485.00					
	0.000	\$0.00	\$970.00	\$0.00	\$0.00			\$970.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: line item utilized for visual inspections for existing ductwork, straps and insulation

<b>Mechanical</b>			Labor Hrs:	231.929
Mat: \$5,914.00	Labor: \$10,110.75	Equip: \$0.00	Division Total:	\$21,699.75

<b>Division: 16000000</b>	<b>Electrical</b>
---------------------------	-------------------

Line #: 16055 300 2100 M	Electrical demo, int fluore fixt, rec drop-in 2'x2', 2 lamp								
Qty: 2.000	Crew: ELEC	Unit: Ea.						D/O: 35.000	
Lab. Hr: 0.457	Mat: \$0.00	Labor: \$19.20	Equip: \$0.00	Total: \$19.20					
	0.914	\$0.00	\$38.40	\$0.00	\$0.00			\$38.40	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: demo existing light fixtures

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 16070 320 2500 M	Hangers, conduit supports, threaded rod, painted, 1/4" diameter						
Qty: 50.000	Crew: ELEC	Unit: L.F.					D/O: 260.000
Lab. Hr: 0.031	Mat: \$1.75	Labor: \$1.29	Equip: \$0.00			Total: \$3.04	
	1.550	\$87.50	\$64.50	\$0.00	\$0.00	\$152.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: threaded rod for supports

Line #: 16070 320 3000 M	Hangers, conduit supports, nuts, galvanized, 1/4" diameter						
Qty: 0.500	Crew:	Unit: C					D/O: 0.000
Lab. Hr: 0.000	Mat: \$11.95	Labor: \$0.00	Equip: \$0.00			Total: \$11.95	
	0.000	\$5.98	\$0.00	\$0.00	\$0.00	\$5.98	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: misc hardware

Line #: 16070 320 3250 M	Hangers, conduit supports, washers, galvanized, 1/4" diameter						
Qty: 1.000	Crew:	Unit: C					D/O: 0.000
Lab. Hr: 0.000	Mat: \$6.40	Labor: \$0.00	Equip: \$0.00			Total: \$6.40	
	0.000	\$6.40	\$0.00	\$0.00	\$0.00	\$6.40	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: misc hardware

Line #: 16070 320 3500 M	Hangers, conduit supports, lock washers, galvanized, 1/4" diameter						
Qty: 0.500	Crew:	Unit: C					D/O: 0.000
Lab. Hr: 0.000	Mat: \$5.40	Labor: \$0.00	Equip: \$0.00			Total: \$5.40	
	0.000	\$2.70	\$0.00	\$0.00	\$0.00	\$2.70	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: misc hardware

Line #: 16120 230 0035 M	Terminations, screw-on connectors, insulated, #16 to #10						
Qty: 6.000	Crew: ELEC	Unit: Ea.					D/O: 230.000
Lab. Hr: 0.035	Mat: \$0.12	Labor: \$1.46	Equip: \$0.00			Total: \$1.58	
	0.210	\$0.72	\$8.76	\$0.00	\$0.00	\$9.48	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: wire connectors

Line #: 16120 230 0045 M	Terminations, screw-on connectors, insulated, #12 to #6						
Qty: 8.000	Crew: ELEC	Unit: Ea.					D/O: 180.000
Lab. Hr: 0.044	Mat: \$0.42	Labor: \$1.86	Equip: \$0.00			Total: \$2.28	
	0.352	\$3.36	\$14.88	\$0.00	\$0.00	\$18.24	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: wire connectors

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 16120 900 1250 M	Wire, 600 volt, type THWN-THHN, copper, stranded, #10						
Qty: 1.250	Crew: ELEC	Unit: C.L.F.					D/O: 10.000
Lab. Hr: 0.800	Mat: \$10.95	Labor: \$33.50	Equip: \$0.00			Total: \$44.45	
	1.000	\$13.69	\$41.88	\$0.00		\$55.56	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: ground wiring for motorized damper circuit

Line #: 16120 900 1350 M	Wire, 600 volt, type THWN-THHN, copper, stranded, #6						
Qty: 3.500	Crew: ELEC	Unit: C.L.F.					D/O: 6.500
Lab. Hr: 1.231	Mat: \$32.50	Labor: \$51.50	Equip: \$0.00			Total: \$84.00	
	4.309	\$113.75	\$180.25	\$0.00		\$294.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: wiring for motorized damper circuit

Line #: 16132 205 5020 M	Conduit, to 15' H, incl 2 termn, 2 elb & 11 bm clip per 100', (EMT), 3/4" dia						
Qty: 100.000	Crew: ELEC	Unit: L.F.					D/O: 130.000
Lab. Hr: 0.061	Mat: \$0.98	Labor: \$2.58	Equip: \$0.00			Total: \$3.56	
	6.100	\$98.00	\$258.00	\$0.00		\$356.00	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: conduit for motorized damper circuit

Line #: 16132 205 5340 M	Conduit, field bends, 45< to 90<, offsets, 3/4" diameter						
Qty: 2.000	Crew: ELEC	Unit: Ea.					D/O: 62.000
Lab. Hr: 0.129	Mat: \$0.00	Labor: \$5.40	Equip: \$0.00			Total: \$5.40	
	0.258	\$0.00	\$10.80	\$0.00		\$10.80	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: offset field bends

Line #: 16132 205 8320 M	Conduit, EMT, 1 hole clips, 3/4" diameter						
Qty: 13.000	Crew: ELEC	Unit: Ea.					D/O: 470.000
Lab. Hr: 0.017	Mat: \$0.37	Labor: \$0.71	Equip: \$0.00			Total: \$1.08	
	0.221	\$4.81	\$9.23	\$0.00		\$14.04	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: conduit support straps

Line #: 16150 275 1500 M	Motor conns, flexible end and fittings, 460 volt, 5 HP motor, 3 phase						
Qty: 1.000	Crew: ELEC	Unit: Ea.					D/O: 8.000
Lab. Hr: 1.000	Mat: \$5.55	Labor: \$42.00	Equip: \$0.00			Total: \$47.55	
	1.000	\$5.55	\$42.00	\$0.00		\$47.55	

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: equipment connection for motorized damper

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

Line #: 16440 700 2980 M	Panelboard & ld ctr CB, shunt trip, 277/480V brkr, rmt oper., 60 amp, 3 P					D/O:	3.000
Qty: 1.000	Crew: ELEC	Unit:	Ea.				
Lab. Hr: 2.667	Mat: \$480.00	Labor: \$112.00	Equip: \$0.00			Total:	\$592.00
	2.667	\$480.00	\$112.00				\$592.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: shunt trip circuit breaker for motorized damper

Line #: 16510 440 6850 M	Interior lgt fxtr, vandalproof, surface mounted, fluor, two 40 watt					D/O:	3.200
Qty: 2.000	Crew: ELEC	Unit:	Ea.				
Lab. Hr: 2.500	Mat: \$1,350.00 *	Labor: \$105.00	Equip: \$0.00			Total:	\$1,455.00
	5.000	\$2,700.00	\$210.00				\$2,910.00

% Mat: 100.00 % Labor: 100.00 % Equip.: 100.00

Notes: line item utilized for security detention light fixtures

<b>Electrical</b>				Labor Hrs:	23.581
Mat: \$3,522.45	Labor: \$990.70	Equip: \$0.00		Division Total:	\$4,513.15

# WES-Hidalgo County Completion Courthouse Basement

Report Date: September 07, 2006

Estimate Creation Date: September 05, 2006

						<b>Unburdened Subtotal :</b>	<b>\$42,886.53</b>	
<b>Job Totals:</b>	<b>ManHours</b>	<b>Material</b>	<b>Labor</b>	<b>Equipment</b>	<b>SubContr.</b>	<b>Total</b>		
	330.890	\$10,517.43	\$26,665.60	\$28.50	\$5,675.00	<b>\$42,886.53</b>		
Sales Tax :	0.00 %	\$0.00						
Material Markup :	0.00 %	\$0.00						
Labor Markup :	0.00 %		\$0.00					
Equipment Markup :	0.00 %			0.00				
SubContract Markup :	0.00 %				0.00			
					\$0.00		<b>\$0.00</b>	
<b>Sub Total :</b>							<b>\$42,886.53</b>	
P&P Bond :	4.50 %							
PERMIT/FEES :	1.00 %						<b>\$1,929.89</b>	
							<b>\$428.87</b>	
<b>Sub Total :</b>							<b>\$45,245.29</b>	
Coefficient :	0.7520						<b>\$11,220.83</b>	
							<b>\$34,024.46</b>	
City Cost Index :	McAllen -3rd Qtr CCI, UU							
Calculation Method :	Average (81.20 %)						<b>-\$6,396.60</b>	
<b>Job Totals:</b>	<b>Total Sq. Footage</b>							
	<b>Cost Per Square Foot</b>							<b>\$27,627.86</b>
								<b>\$ 0.00</b>

# Alcocer Garcia Associates Design Consulting

1335 E. Jasmine Ave.  
McAllen, Texas 78501  
Off. 956-618-2007  
Fax. 956-618-2008

## F A X

**Date:** 9 - 5 - 06

**To:** Hidalgo County  
Purchasing Department

**Fax:** 318-2629

**Attn:** Juan Tapla

**Project:** Sheriff's Sub-Station  
Hidalgo County Courthouse Basement

**Re:** Proposals due from Centennial and Jamail

**From:** George Garcia, Project Architect

**No. of pages, including cover :** 1

**Message:** Please contact the two contractors and ask them to include a \$ 5,000.00 Contingency Allowance in their proposal figure.

Project: Completion of Pending Work Items  
Sub-station Remodeling, Sheriff's Department  
Hidalgo County Courthouse  
Edinburg, Texas

### GENERAL INFORMATION

The work includes the installations shown on the attached drawings plus any other installations necessary for the air-conditioning system and for compliance with the applicable building code.

As part of the work, the Contractor shall:

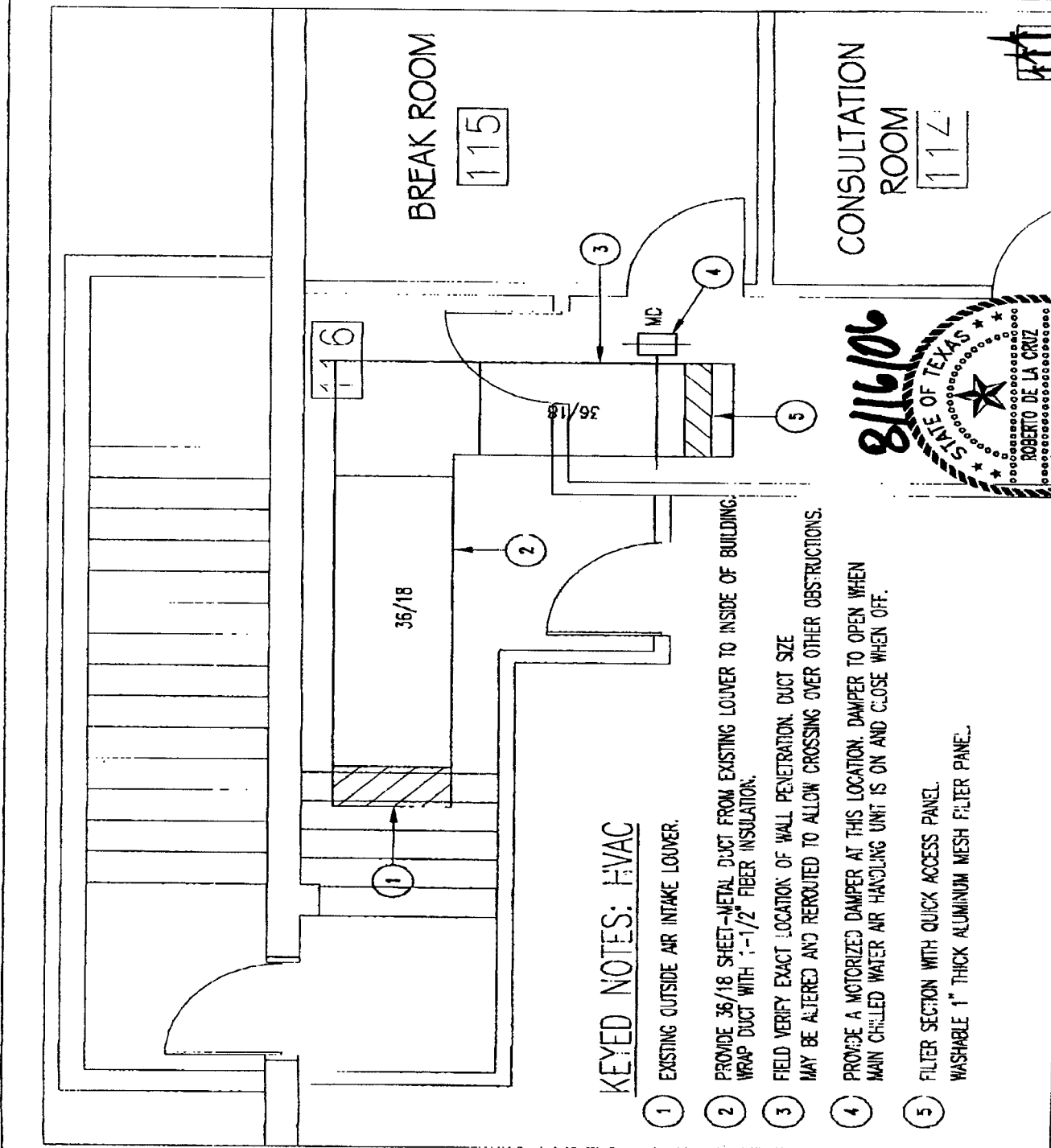
1. Inspect the existing installations and working conditions.
2. Contact the City Fire Marshall to review the proposed installations. Incorporate any Additional installations into the scope of work.
3. Coordinate the work activity with the County Buildings and Grounds Director to establish working hours, accessibility to work area, available parking area and disposal of debris
4. Protect existing construction. Damage resulting from the new installations shall be repaired to an acceptable level of appearance. Where patching occurs in a painted surface, extend new paint coat over the entire unbroken surface containing the patch.
5. Upon completion of the work, clean all affected surfaces. Leave premises clean of construction debris.
6. Work to include, but may not be limited to, the following items:
  - a. Check all A/C installations for proper functioning.
  - b. Install motorized damper and related items for A/C system as shown on attached engineer's drawing.
  - c. Obtain the services of a company licensed to perform Testing and Balancing for the air-conditioning system. Provide a copy of the testing/balancing report to the County Buildings and Grounds Director.
  - d. Install two light fixtures, one each at old holding cells. Fixtures to be KENALL #SSD-4-9/12-4-32-PB-1-120-J/500-1. Catalog sheets attached .
7. Submit cost estimate to County for each work item above.

George A. Garcia, Project Architect  
Alcocer Garcia Associates Design Consulting

AGADC  
ALCOCEER & GOLEMON ARCHITECTS  
ARCHITECTS  
1100 N. GARDNER  
DALLAS, TEXAS 75202  
PHONE 972-353-1100  
FAX 972-353-1101

SUB STATION REMODELING  
HIDALGO SHERIFFS DEPT.  
HIDALGO COUNTY COURTHOUSE EDINBURG, TEXAS

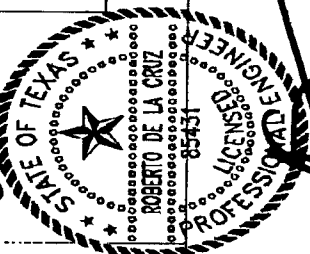
REVISION  
M-1



**KEYED NOTES: HVAC**

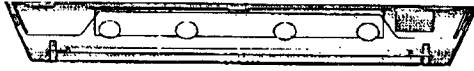
- ① EXISTING OUTSIDE AIR INTAKE LOUVER.
- ② PROVIDE 36/18 SHEET-METAL DUCT FROM EXISTING LOUVER TO INSIDE OF BUILDING. WRAP DUCT WITH 1-1/2" FIBER INSULATION.
- ③ FIELD VERIFY EXACT LOCATION OF WALL PENETRATION. DUCT SIZE MAY BE ALTERED AND REROUTED TO ALLOW CROSSING OVER OTHER OBSTRUCTIONS.
- ④ PROVIDE A MOTORIZED DAMPER AT THIS LOCATION. DAMPER TO OPEN WHEN MAIN CHILLED WATER AIR HANDLING UNIT IS ON AND CLOSE WHEN OFF.
- ⑤ FILTER SECTION WITH QUICK ACCESS PANEL. WASHABLE 1" THICK ALUMINUM MESH FILTER PANEL.

816106



# Mighty Mac®

SSD Series  
Ceiling Mount/Surface - Linear Fluorescent  
Nominal 24"x24" and 24"x48"



## Lighting for Security Detention Applications

### Specifications

**Housing:** One-piece die-formed prime grade material as specified - see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contraband concealment.

**Baseplate:** Prime grade material as specified - see ordering information. Die-formed blade trap (1/4" minimum) prevents contraband concealment and access. Embossed standoffs prevent distortion.

**Hinge:** Completely concealed drop-slot piano type hinge (1/2" knuckle/1/8" diameter pin). Pin secured to knuckle. Hinge welded to housing and mounts to either side of baseplate via keyholes.

**Lens:** As specified - maximum thickness .625" - see ordering information.

**Lens Retention:** Vertically adjustable continuous "Z" brackets - prime grade material. Secured to housing via thru-studs spaced at 6" (maximum) intervals.

**Fasteners:** Hardened security screws as specified - see ordering information. Fully recessed.

**Finish:** Urethane powder coat - 5-stage iron phosphate pre-treatment. Reflectance: 92%; Gloss: 85% (minimum) at 60°; Hardness: 2H; Salt Spray Test: 1,000 hours.

**Lamps:** Quantity and type as specified - see ordering information. Lamps supplied by others.

**Ballast:** Quantity and type as specified - see ordering information. All ballasts UL listed class P and ETL/CBM certified. Optional removable reflector/lamp/ballast tray with quick disconnect.

**Luminous Seal:** Polyurethane foam prevents light leaks from luminaire base.

**Listings:** UL listed for damp locations. See ordering information for wet location applications.

**Installation:** Fixture not suitable for Surface Conduit or Continuous Row Mounting.

### Ordering Information

Series	Nominal Size	Hsg./Base Material	Lamp Qty	Lamp Type	Ballast Type	Ballast Qty	Voltage	Lens Inner/Outer	Fasteners	Options	
SSD											
Nominal Size		Lamp Type - 2' Nominal Length		Voltage		Fasteners					
2	24" x 24"	17 F17T8		170 120Volts		1 Torx® Head w/Center Pin					
4	24" x 48"	31U F3118 (3 Lamp Max)		277 277Volts		7 Allen Head w/Center Pin					
Housing/Base Material		Lamp Type - 4' Nominal Length		Lens (Inner/Outer)		Options					
0	14 Gauge CRS (Painted)	12 F32T8		1 No Lens		FI Emergency Battery Pack		One Lamp/600 Lumens/90 Min			
1	16 Gauge CHS (Painted)	Ballast Type		2 .125" Prismatic Polycarbonate		FS Single Fuse & Holder					
3	14 Gauge SS (Painted)	CW Cold Weather 0°		3 .125" Textured Polycarbonate		RF Radio Interference Filter		(Magnetic Ballast only)			
4	16 Gauge SS (Painted)	DE Electronic Dimming		G .125" Clear Polycarbonate		SK Speaker Housing Extension					
6*	14 Gauge SS (Brushed)	DM Magnetic Dimming		4 .156" Prismatic Polycarbonate		TN RL Night Light - Lamp by others					
7*	16 Gauge SS (Brushed)	FB Elec < 20% THD Instant Start		R .156" Prismatic Tempered Glass		UV Ultraviolet Filter					
9	12 Gauge CRS (Painted)	MB Magnetic Ballast only (Not available with 40B)		6 .187" Prismatic Polycarbonate		WV Wet Locations Listed					
Lamp Qty		PB Elec < 10% THD Instant Start		7 .187" Clear Polycarbonate		RGT Removable Gear Tray					
2	Two	SB Specified Ballast		8 .250" Clear Polycarbonate		RSB Rapid Start Electronic Ballast					
3	Three	Ballast Qty		9 .250" Clear Tempered Glass							
4	Four	1 One		A .250" Clear Tempered Glass							
		2 Two		B .375" Clear Polycarbonate							
				C .375" Clear Tempered Glass							
				J .500" Clear Polycarbonate							
				P .500" Clear Tempered Glass							

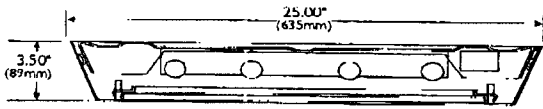
\* Not available as Base Material



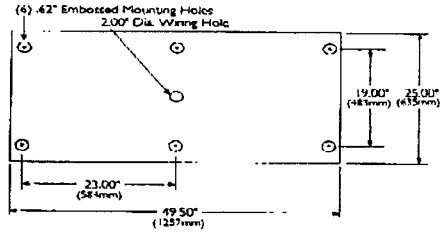
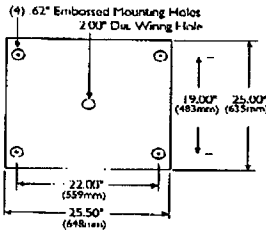
# Mighty Mac®

SSD

## Dimensional Data Cross Section



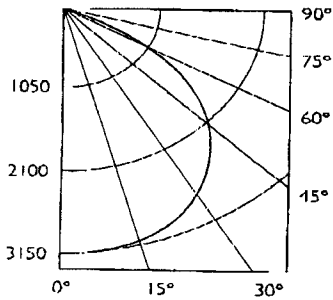
## Mounting Holes



Reflected View

## Photometric Information SSD40432EB11B1

### Candlepower Distribution



### Coefficients of Utilizations - Zonal Cavity Method

Test Report Number: ITL47110  
Lamps: Four 32 Watt T8 (2950 Lumens per Lamp)

RF	80				70				50				
RC	70	50	30	10	70	50	30	10	70	50	30	10	
RW													
0	83	83	83	83	81	81	81	81	78	78	78		
1	77	74	72	69	75	73	70	68	70	68	66		
2	71	66	61	58	69	64	60	57	62	58	56		
3	65	58	53	49	63	57	52	48	55	51	47		
4	60	52	46	42	58	51	46	41	49	45	41		
5	55	46	41	36	54	46	40	36	41	39	36		
6	51	42	36	32	50	41	36	32	40	35	31		
7	47	38	32	28	46	38	32	28	37	31	28		
8	44	35	29	25	43	34	29	25	33	28	25		
9	41	32	26	23	40	32	26	23	31	26	22		
10	38	29	24	21	38	29	24	20	28	24	20		

### Luminance Data in Candela

Total Luminaire Efficiency: 70.0%  
Cross Spacing: 1.4

Angle in DEG	Average 0 DEG	Average 45 DEG	Average 90 DEG
45	4611	5271	5813
55	3776	4200	4657
65	2586	2699	3098
75	1908	1717	1895
85	661	742	723



For computerized photometric layouts and technical assistance call: 1-800-4-KENALL (453-6255)

Notes: Availability, dimensions and specifications subject to change without notice.

### Quick Specification

**Housing:** One-piece TIG seam welded housing - no post grinding. Fully recessed latch screws. Continuous Z bracket lens retention. Hinged from either side of baseplate.

**Baseplate:** Die formed blade trap (1/4" min). Embossed standoffs.

**Hinge:** Completely concealed piano type hinge welded to housing and secured to baseplate via keyholes.

**Listings:** Damp locations standard. Wet locations optional.

**Installation:** Fixture not suitable for Surface Conduit or Continuous Row Mounting.

**Performance:** Total luminaire efficiency (70.0%) with 1/8" prismatic acrylic inner lens and 3/8" clear polycarbonate outer lens.

### Project Information

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

Job Location \_\_\_\_\_

Fixture Type \_\_\_\_\_ Quantity \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

Date \_\_\_\_\_



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