

SUBMITTAL TO THE BOARD OF DIRECTORS OF THE  
REDEVELOPMENT AGENCY  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

950.C



FROM: Redevelopment Agency

SUBMITTAL DATE:

SUBJECT: Cabazon Civic Center – Award of Construction Contract

June 2, 2011

RECOMMENDED MOTION: That the Board of Directors:

1. Approve Addenda Nos. 1 through 5 to the specifications that were issued to all plan holders prior to the March 24, 2011 bid opening;
  2. Approve the request by Davis Reed Construction, Inc. for relief from their bid due to a clerical error; Find the bid by AWI Builders, Inc. as non-responsive;
- Award the contract to Doug Wall Construction, Inc. as the lowest responsive bidder in the amount of \$11,990,000 which includes bid alternates number 1 and 2;

(Continued)

  
Robert Field  
Executive Director

FINANCIAL  
DATA

Current F.Y. Total Cost: \$ 15,900,000  
Current F.Y. Net County Cost: \$ 0  
Annual Net County Cost: \$ 0

In Current Year Budget: Yes  
Budget Adjustment: No  
For Fiscal Year: 2010/11

COMPANION ITEM ON BOARD OF SUPERVISORS AGENDA: Yes

SOURCE OF FUNDS: Mid-County Redevelopment Project Area Capital  
Improvement Funds - Cabazon Sub-Area

Positions To Be  
Deleted Per A-30 ☐

Requires 4/5 Vote ☐

C.E.O. RECOMMENDATION:

APPROVE

BY

County Executive Office Signature

  
Jennifer L. Sargent

MINUTES OF THE BOARD OF DIRECTORS OF THE REDEVELOPMENT AGENCY

On motion of Supervisor Ashley, seconded by Supervisor Buster and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Tavaglione, Stone, Benoit and Ashley  
Nays: None  
Absent: None  
Date: June 14, 2011  
xc: RDA, EDA, CIP, Auditor

Kecia Harper-Ihem  
Clerk of the Board

By:   
Deputy

(Comp. Item 3.23)

Prev. Agn. Ref.: 4.12 of 12/14/10; 9.10 of 12/14/10

District: 5

Agenda Number

4.7

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

FISCAL PROCEDURES APPROVED  
PAUL ANGULO, CPA, AUDITOR-CONTROLLER  
BY:   
SAMUEL WONG

FORM APPROVED COUNTY COUNSEL  
BY:   
MARSHA L. VICTOR

Dep't Recomm.: ☐ Consent ☐  
Per Exec. Ofc.: ☐ Consent ☐  
Policy ☒ Policy ☒

**RECOMMENDED MOTION: (Continued)**

5. Authorize the Chairman to execute the contract documents on behalf of the Board;
6. Approve and authorize the Chairman to execute the attached agreement with MTGL, Inc. for construction inspection and testing services in the amount of \$166,150;
7. Approve and authorize the Chairman to execute the attached agreement with Southern California Edison for replacement of overhead facilities with underground facilities in the amount of \$158,699.61;
8. Approve and authorize the Chairman to execute the attached agreement with Verizon for replacement of overhead facilities with underground facilities in the amount of \$125,117.85;
9. Delegate authority to the Executive Director of the Redevelopment Agency or his designee for amendments up to 10% of the contract amount for the contracts with MTGL, Inc., Southern California Edison, and Verizon; and
10. Approve the project budget of \$15,900,000.

**BACKGROUND:**

On December 14, 2010, the Board of Directors approved the plans and specifications for the Cabazon Civic Center (Project) which will be developed at the existing site of the James A. Venable Community Center in the community of Cabazon in Riverside County. The community center will remain as the hub of the civic center.

New facilities to be constructed include a library (5,470 square feet), a child development center (13,026 square feet), an administration building for Cabazon Water District (3,300 square feet), basketball courts, play areas, picnic shade shelters, a skate park, restroom building (772 square feet), additional multi-purpose turf area, a maintenance building (1,655 square feet), and associated parking. The old Cabazon Fire Station #24 (building number CB3102 on the County Building Asset List) will also be demolished as part of the plans and specifications for this project.

Street improvements will be completed along Carmen Avenue, Irene Street, and Broadway Street. Each street is currently two-lane and will be improved to Circulation Element designations as approved in the County General Plan. Existing electrical and telephone utilities will be undergrounded. This project will comply with County Policy H-29: Sustainable Building Policy which establishes the use of sustainable practices using Leadership in Energy and Environmental Design (LEED) criteria. A total of approximately 7.89 acres will be disturbed and 3.55 acres of vacant land will be developed.

(Continued)

**BACKGROUND:** (Continued)

During the advertisement period, five (5) addenda were issued to the specifications for the project. Bidders are required to acknowledge and take into account all issued addenda on their bid proposal to be considered for award. The addenda were issued to clarify and modify the approved project contract documents. The addenda are attached.

On March 24, 2011, 18 bids were received. The Agency and County Counsel reviewed the lowest nine bids for the project. Davis Reed Construction, Inc. was the apparent low bidder, but requested relief from their bid due to a clerical error. The submittals from Davis Reed Construction Inc. appear to substantiate their claim and are in accordance with the Public Contract Code, and therefore Agency staff recommends that the Board grant the requested relief.

The second apparent low bid was by AWI Builders, Inc. This bid has been determined to be non-responsive based on the following factors: their failure to acknowledge Addendum No. 5; inclusion in their bid package of the forms for substitution of the skate park elements manufacturer which were required to be submitted ten days prior to bid to request a substitution; inclusion of the forms for qualification of a skate park installer for two different companies neither of which was listed as performing the installation on the subcontractor's bid list; failure of AWI Builders Inc. to be a qualified installer by Skate Park Association USA for the skate park component of the project as required by the specifications. AWI Builders Inc. submitted an objection to the finding of their bid as non-responsive, stating that they did not intend to request substitution of the skate park element manufacturer, and that either Construction Contractor's Corporation or AWI Builders Inc. would do the skate park installation. It is the responsibility of the submitting contractor to comply with the bid requirements. There is no way for the Agency to have determined they did not wish to substitute the manufacturer, and no other reason for the inclusion of the substitution documents, than if they wished to request a substitution. The subcontractor list submitted did not list the skate park as a portion of the work to be performed by Construction Contractor's Corporation as required by the Subletting and Subcontracting Fair Practices Act. Additionally, the specifications in this case require the installer to an approved skate park contractor by the Skate Park Association USA, and it has been verified by the Agency project team that AWI Builders Inc. is not certified on such list.

The third low bid was submitted by Doug Wall Construction, Incorporated and is in appropriate form. Therefore it is recommended that the Board find that the bid by Doug Wall Construction, Incorporated is the lowest responsive bid and award the construction contract to that company in the amount of \$11,990,000.

The agency solicited proposals for construction testing and inspection. Based on the proposals received, MTGL, Inc. was selected for testing and inspection services. It is recommended the Board approve the contracts and adopt the project budget as follows:

(Continued)

**BACKGROUND:** (Continued)

Project Budget:

Construction	\$11,990,000.00
Contingency	\$ 1,199,000.00
Construction Testing and Inspection (MTGL	\$ 166,150.00
EDA Inspection	\$ 167,464.00
Southern California Edison	\$ 158,699.61
Verizon	\$ 125,117.85
EDA Project Management	\$ 140,000.00
FF&E	\$ 600,000.00
Other Utilities	\$ 600,000.00
Miscellaneous	<u>\$ 753,568.54</u>
Total	\$15,900,000.00

Attachments:

- Addenda Nos. 1 through 5
- Agreement between Doug Wall Construction, Inc. and the Redevelopment Agency for the County of Riverside
- Payment and Performance Bonds
- Consulting Services Agreement for Materials Testing and Special Inspections Services Between agency and MTGL, Inc.
- Southern California Edison Agreement for Replacement of Overhead Utilities with Underground Facilities
- Verizon Agreement for Replacement of Overhead Facilities with Underground Facilities



2. Volume 1 – Procurement Requirements and Contracting Requirements: the Contractor's Proposal is to include a completed copy of the "Bid and Quantity List" for utility work. This form is attached to this Addendum #1.
3. Volume 1 – Agency General Conditions; Article 15 "Environmental Protection:" add Article 15.3.2: Qualified SWPPP Practitioner: The contractor shall ensure that all BMPs required by the General Construction Storm Water Permit are implemented by a Qualified SWPPP Practitioner (QSP). A QSP is a person responsible for non-storm water and storm water visual observations, sampling and analysis. Effective two years from the date of adoption of the General Permit, a QSP shall be either a QSD or have one of the following certifications:

a. A certified erosion, sediment and storm water inspector registered through Enviro Cert International, Inc.; or

b. A certified inspector of sediment and erosion control registered through Certified Inspector of Sediment and Erosion Control, Inc.

Effective two years after the adoption date of the General Permit, a QSP shall have attended a State Water Board-sponsored or approved QSP training course.

4. Volume 1 – Agency General Conditions; Article 15 "Environmental Protection:" add Article 15.3.3: Contractor to submit SWPPP reports on a weekly basis to the EDA project manager.
5. Volume 1 – Agency General Conditions; Article 15 "Environmental Protection:" add Article 15.3.4: Contractor to sign and date SWPP Notice and submit with Contractor's Proposal. Copy of "Important Notice" is attached to this Addendum #1.
6. Volume 1 – Agency General Conditions: add Article 23 "Construction Sign." Contractor to provide and install a project sign per the requirements of the template attached to this Addendum #1.
7. Volume 1 – Agency General Conditions: add Article 24 "Mitigation Monitoring Reporting Program." See Attachment 4 to this Addendum #1.
8. Volume 1 – Agency Review; Riverside Fire Department Letters Re: Library, Child Care Center, Water District Office, and Maintenance Building: these letters are available through the A&I Reprographic website, and are to be considered part of the Contract Documents. Copies of these letters are attached to this Addendum #1.
9. Volume 1 – Agency Review: add Riverside County Community Health Agency, "Food Establishment Plan Approval Notice." this letter is available through the A&I Reprographic website, and is to be considered part of the Contract Documents. A copy of this letter is attached to this Addendum #1.
10. Volumes 1, 2, 3 – Table of Contents: Change the name of Section 13900 from "Fire Alarm System" to "Fire Suppression."
11. Volume 1 – Section 01230 "Alternates:" the alternates include the buildings only; all associated site work and infrastructure for these buildings are to be included in the Base Bid.

12. Volume 1 – Section 01500 “Temporary Facilities and Controls:” paragraph 1.4.B – should read as follows: “Erosion and Sedimentation Control Plan - show compliance with Contract Erosion Control Plan (CM1.102) and Storm Water Pollution Prevention Plan.”
13. Volume 1 – Section 02200 “Earthwork:” paragraph 1.2 – add C: SWPPP - Appendix 6 and erosion control plan (CM1.102) in “Site Clearing” Section 02230 (Section 3.1 add C. Comply with SWPPP (appendix 6) and erosion control plan (CM1.102)
14. Volume 1 – Section 08710 “Door Hardware:” delete section and replace with revised text per Attachment 12 to this Addendum #1.
15. Volume 1 – Section 01352 “LEED Requirements;” paragraph 1.2.A.3: LEED Project Checklists added as Attachments 13, 14 and 15 to this Addendum #1.
16. Volume 1 – Section 01352 “LEED Requirements;” paragraph 1.4.A: add “See Attachments 1 through 4 at the end of this Section.” These attachments are included below at Attachments 16 through 19 to this Addendum #1.
17. Volume 1 – Section 01352 “LEED Requirements;” add paragraph 1.5.C: “Project Materials Cost Data: Provide statement indicating total cost for building materials used for Project, excluding mechanical, electrical, and plumbing components, and specialty items such as elevators and equipment. Include statement indicating total cost for wood-based materials used for Project.”
18. Volume 2 - Section 11054 “Library Stack Systems:” delete paragraph 2.2.O Options, items 1-33.
19. Volume 2 - Section 16010 “General Requirements Electrical Work:” delete paragraph 1.2.D, items 51-53.

### **III. Drawings**

1. Site Package: Construction Plan - Sheet L-3: see attachment #11 to this Addendum for referenced playground equipment layout by Kaplan Early Learning Co.
2. Site Package: Sheets L-6 and AS-02: the layout for the Tot Lot (C/L-6) is correct; this information supersedes that shown in the same location on AS-02.
3. Library – Package B: missing Sheet PS-02 is identical to Sheet PS-02 in Family Service Administration Building – Package A.

### **IV. Responses to Pre-Bid Requests for Information**

### **V. Attachments**

1. Contractor’s Schedule of Values
2. Bid and Quantity List (for utility work).
3. SWPPP Notice
4. Mitigation Monitoring Reporting Program
5. Construction Sign Template
6. Agency Review Letter – Fire: Library
7. Agency Review Letter – Fire: Child Care Center
8. Agency Review Letter – Fire: Water District Office
9. Agency Review Letter – Fire: Maintenance Building
10. Agency Review Letter – Community Health: Food Establishment
11. Kaplan Early Learning Co. playground equipment layouts

12. Revised Specifications Section 08710 "Door Hardware"
13. LEED checklist – FSA Building
14. LEED checklist – Library
15. LEED checklist – Water District Building
16. Section 01352, Attachment 1: LEED Submittal Processing Sheet
17. Section 01352, Attachment 2: LEED Submittal Review Form
18. Section 01352, Attachment 3: ESC Review Form
19. Section 01352, Attachment 4: IAQ Monitoring Form

END OF ADDENDUM #1



## CONTRACTOR'S SCHEDULE OF VALUES

### **PART 1 -- GENERAL**

#### **1.01    SCOPE**

Submit within 24 hours after Bid Submission Deadline.

### **PART 2 -- PRODUCT**

#### **2.01    SCHEDULE OF VALUES**

<b>SECTION</b>	<b>DESCRIPTION</b>	<b>COST</b>
General Conditions  Division 1	General Conditions	
	Supervision	
	Overhead & Profit	
	Bonds	
	Insurance	
02200	Earthwork	
02225	Demolition	
02226	Excavating, Backfilling, and Compacting for Utilities	
02230	Site Clearing	
02310	Grading	
02315	Excavation	
02316	Fill and Backfill	
02373	Rip Rap	
02510	Water Distribution	
02511	Asphalt Concrete Paving	
02515	Disinfection of Water Distribution System	
02540	Septic Tank System	
02644	PVC Non-Pressure Pipe	
02730	Sanitary Sewerage System Testing	

02810	Irrigation Systems	
02831	Chain-Link Fencing	
02930	Exterior Plants	
03300	Cast in place Concrete	
04820	Reinforced Unit Masonry Assemblies	
05120	Structural Steel	
05500	Metal Fabrication	
05520	Handrails and Railings	
05751	Perforated Metal Panels	
05810	Expansion Joint Cover Assemblies	
06100	Rough Carpentry	
06176	Wood I-Joists	
06181	Glued-Laminate Structural Units	
06200	Finish Carpentry	
06410	Custom Cabinets	
06420	Wood Veneer Faced Paneling	
07130	Sheet Waterproofing	
07142	Hot-Fluid Applied Rubberized Asphalt Waterproofing	
07210	Building Insulation	
07260	Weather Barriers	
07410	Metal Wall Panels	
07411	Preformed Metal Roof Panels	
07460	Composite Wood Siding	
07550	Modified Bituminous Membrane Roofing	
07620	Sheet Metal Flashing and Trim	
07716	Expansion Assemblies	
07840	Through Penetration Firestop Systems	

07842	Fire Resistive Joint Systems	
07900	Joint Sealants	
08110	Steel Doors and Frames	
08210	Flush Wood Doors	
08305	Sliding Aluminum-Framed Glass Doors	
08310	Access Doors and Frames	
08331	Overhead Coiling Doors	
08410	Aluminum Framed Entrances and Storefronts	
08585	Security Windows	
08710	Door Hardware	
08800	Glazing	
08830	Mirrors	
08911	Glazed Aluminum Curtain Walls	
09111	Non-Load-Bearing Steel Framing	
09220	Portland Cement Plaster	
09250	Gypsum Board	
09251	'Antico' Lime Based Plaster	
09252	'Marmorino' Lime Based Plaster	
09253	'Veneciano' Lime Based Plaster	
09265	Gypsum Board Shaft-Wall Assemblies	
09310	Tile	
09511	Acoustical Panel Ceilings	
09512	Linear Metal Ceiling Systems	
09513	Metal Ceiling Panels	
09650	Resilient Rubber Stair Tread	
09653	Resilient Wall Base and Accessories	
09654	Linoleum Floor Coverings	
09655	Rubber Stair Treads	

09671	Resinous Flooring	
09680	Carpet	
09681	Carpet Tile	
09720	Presentation Dry Erase Wall Covering	
09726	Tackable Wall Covering	
09911	Exterior Painting	
09912	Interior Painting	
09960	Graffiti Resistant Coatings	
10155	Toilet Compartments	
10200	Wall Louvers	
10270	Access Flooring	
10305	Manufactured Fireplaces	
10431	Signage	
10522	Fire Extinguisher Cabinets	
10523	Fire Extinguishers	
10560	Mercantile Specialties	
10650	Operable Partitions	
10671	Adjustable Storage Shelving	
10800	Toilet and Bath Accessories	
11054	Library Stack Systems	
11132	Projection Screens	
11400	Foodservice Equipment	
11451	Residential Appliances	
11516	Book Depository	
12494	Roller Shades	
13900	Fire Alarm System	
15010	Basic Mechanical Requirements	

15050	Basic Mechanical Material and Methods	
15060	Basic Mechanical Material and Methods Hangers and Supports	
15071	Basic Mechanical Material and Methods – Seismic Restraint and Vibration Isolation	
15075	Mechanical Identification	
15080	Basic Mechanical	
15080	Basic Mechanical Materials and Methods – Mechanical Insulation	
15110	Basic Mechanical Materials and Methods – General Duty Valves	
15122	Basic Mechanical Materials and Methods – Meters and Gages	
15140	Domestic Water Piping	
15150	Storm Water, Sanitary Waste, and Vent Piping	
15195	Natural Gas Systems	
15410	Plumbing Fixtures	
15440	Plumbing Pumps	
15480	Domestic Water Heaters	
15761	Air Coils	
15782	Rooftop Units	
15815	Metal Ducts	
15820	Duct Accessories	
15838	Power and Gravity Ventilators	
15845	Air Terminal Units	
15850	Air Outlets and Inlets	
15900	Building Management and Systems	
15950	Testing, Adjusting, and Balancing	
15995	HVAC Commissioning	
16000	Electrical Specification	
16010	General Requirements, Electrical Work	
16055	Overcurrent Protective Device Coordination	
16073	Hangers and Supports for Electrical Systems	
16074	Vibration and Seismic Controls for Electrical Systems	
16075	Electrical Identification	
16120	Wires and Cables (600 volts and less)	
16130	Raceways, Fittings, and Boxes	
16140	Wiring Devices	

16145	Lighting Control Devices	
16420	Enclosed Controllers	
16425	Switchboards	
16430	Enclosed Switches and Circuit Breakers	
16450	Grounding	
16455	Underground Electrical Service	
16470	Panelboards	
16480	Motor Control	
16491	Fuses	
16500	Lighting Systems	
16515	Lighting Control Systems	
16671	Transient Voltage Surge Suppression (Tvss) System	
16720	Fire Alarm System	
16726	Public Address and Mass Notification Systems	
16950	Electrical Power Systems Test	
	SKATE PARK	

\*\*\* END OF SECTION \*\*\*

CONTRACTORS SCOPE OF WORK  
**CABAZON CIVIC CENTER - COUNTY OF RIVERSIDE - EDA**  
 Bid and Quantity List

**Broadway Street - Rule 20B**

**Edison**

SR#: 1237323/Design #: 203938

Mobilization	1	LS		\$ -
Trench with Verizon	1349	LF		\$ -
Sole Trench	413	LF		\$ -
1" Edison Sand Bedding	1762	LF		\$ -
12" Edison Sand Shade	1762	LF		\$ -
Edison 2.02 Encasement	1064	LF		\$ -
3" Direct Burial Conduit	94	LF		\$ -
4" Direct Burial Conduit	825	LF		\$ -
5" Direct Burial Conduit	4782	LF		\$ -
4" Pole Riser	1	EA		\$ -
5" Pole Riser	2	EA		\$ -
48" x 54" Pad	1	EA		\$ -
5' x 10.5' x 7' PME	1	EA		\$ -
6' x 12' x 7' Vault with Vents	1	EA		\$ -
3' x 5' x 4' Intercept Pull Box	2	EA		\$ -
Rope and Mandrel Conduit	5701	LF		\$ -
<b>Subtotal:</b>				\$ -

**Verizon (Broadway Street and Carmen Street)**

WO#: 568-8P0A0AX

Sole Verizon Trench (Street Crossing)	355	LF		\$ -
Sole Verizon Trench	1080	LF		\$ -
1" Verizon Sand Bedding	1435	LF		\$ -
12" Verizon Sand Shade	2784	LF		\$ -
4" Type C Conduit	5628	LF		\$ -
4' x 6.5' x 6.5' Manhole	1	EA		\$ -
3' x 5' x 4' Pull Box	5	EA		\$ -
Rope and Mandrel Conduit	5628	LF		\$ -
<b>Subtotal:</b>				\$ -

**Gas (Broadway Street and Carmen Street)**

WR#: 1983414 - Gas Co. Install

Trench (Carmen Street)	760	LF		\$ -
1" Gas Sand Bedding	760	LF		\$ -
12" Gas Sand Shade	760	LF		\$ -
Sole Gas Trench (Broadway Street)	65	LF		\$ -
Sole Gas Trench (Street Crossing)	60	LF		\$ -
1" Gas Sand Bedding	125	LF		\$ -
12" Gas Sand Shade	125	LF		\$ -
<b>Subtotal:</b>				\$ -

CONTRACTORS SCOPE OF WORK  
**CABAZON CIVIC CENTER - COUNTY OF RIVERSIDE - EDA**  
Bid and Quantity List

**Other**

Traffic Control Plan	1	LS		\$	-
Traffic Control	1	LS		\$	-
Wheel Chair Ramp - R&R	1	EA		\$	-
Sidewalk - R&R	1987	Sq. Ft.		\$	-
				\$	-
				<b>Subtotal:</b>	\$ -
				<b>Total:</b>	\$ -



CONTRACTORS SCOPE OF WORK  
**CABAZON CIVIC CENTER - COUNTY OF RIVERSIDE - EDA**  
 Bid and Quantity List

**On-Site Work Orders**

**Edison**

SR#: 127323/Design#: 253068  
 14618 Broadway Street

Mobilization	1	LS		\$	-
Trench	64	LF		\$	-
1" Edison Sand Bedding	64	LF		\$	-
12" Edison Sand Shade	64	LF		\$	-
4" Direct Burial Conduit	64	LF		\$	-
74" x 94" Pad	1	EA		\$	-
Rope and Mandrel Conduit	64	LF		\$	-
<b>Subtotal:</b>				\$	-

**Edison**

SR#: 1237323/Design#: 203948  
 50391 & 50425 Carmen Street

Trench	495	LF		\$	-
1" Edison Sand Bedding	495	LF		\$	-
12" Edison Sand Shade	460	LF		\$	-
Edison 2.02 Encasement	35	LF		\$	-
4" Direct Burial Conduit	695	LF		\$	-
5" Direct Burial Conduit	140	LF		\$	-
3' x 5' x 4' Pull Box	1	EA		\$	-
74" x 94" Pad	1	EA		\$	-
Rope and Mandrel Conduit	835	LF		\$	-
<b>Subtotal:</b>				\$	-

**Edison**

SR#: 1237323/Design#: 253076  
 50410 Irene Street

Trench	115	LF		\$	-
1" Edison Sand Bedding	115	LF		\$	-
12" Edison Sand Shade	115	LF		\$	-
4" Direct Burial Conduit	115	LF		\$	-
74" x 94" Pad	1	EA		\$	-
Rope and Mandrel Conduit	115	LF		\$	-
<b>Subtotal:</b>				\$	-

**Verizon (On-Site)**

WO#: 568-3P0A0BG

Trench (Verizon and Gas)	95	LF		\$	-
Sole Verizon Trench	230	LF		\$	-
1" Sand Verizon Bedding	325	LF			
12" Verizon Sand Shade	325	LF		\$	-
4" Type C Conduit	325	LF		\$	-
Rope and Mandrel Conduit	325	LF		\$	-
<b>Subtotal:</b>				\$	-

CONTRACTORS SCOPE OF WORK  
**CABAZON CIVIC CENTER - COUNTY OF RIVERSIDE - EDA**  
 Bid and Quantity List

**Gas (On-Site)**  
 N/A

Sole Gas Trench	165	LF		\$	-
6" Sand Gas Bedding	165	LF		\$	-
12" Gas Sand Shade	260	LF		\$	-
				\$	-
<b>Subtotal:</b>				\$	-
<b>Total:</b>				\$	-

CONTRACTORS SCOPE OF WORK  
**CABAZON CIVIC CENTER - COUNTY OF RIVERSIDE - EDA**  
 Bid and Quantity List

**Irene Street**

**Edison**

AI#: 9-4004

Mobilization	1	LS		\$	-
Trench	100	LF		\$	-
Sole Trench	90	LF		\$	-
Trench (Street Crossing)	70	LF		\$	-
1" Edison Sand Bedding	260	LF		\$	-
12" Edison Sand Shade	260	LF		\$	-
1.5" Direct Burial Conduit	125	LF		\$	-
4" Direct Burial	135	LF		\$	-
Rope and Mandrel Conduit	260	LF		\$	-
<b>Subtotal:</b>				\$	-

**Carmen Street**

**Edison**

AI#: 9-4004

Sole Trench	55	LF		\$	-
Trench (Street Crossing)	44	LF		\$	-
1" Edison Sand Bedding	99	LF		\$	-
12" Edison Sand Shade	99	LF		\$	-
1.5" Direct Burial Conduit	99	LF		\$	-
1.5" x 36" x 90 Sch. 40	1	EA		\$	-
Rope and Mandrel Conduit	99	LF		\$	-
<b>Subtotal:</b>				\$	-

**Verizon (Irene Street)**

N/A

6" Verizon Sand Shade	48	LF		\$	-
4" Type C Conduit	48	LF		\$	-
Rope and Mandrel Conduit	48	LF		\$	-
<b>Subtotal:</b>				\$	-

**IMPORTANT NOTICE:** The General Contractor and his/her subcontractors shall be responsible for implementing the SWPPP, including the implementation and installation of all required BMPs, the maintenance and repair of all installed, damaged and/or nonfunctional BMPs, the periodic inspection of all BMPs and maintenance of all related inspection logs, all mandated Contractor and Subcontractor staff training and BMPs, and the maintenance of the approved SWPPP and related maintenance/monitoring documents on the project site during the grading and construction phase of the project. As such, the General Contractor shall provide the RDA with copies of all completed SWPPP/BMP inspection documents and related forms when requested, including but not necessarily limited to the following: (1) "Storm Water Quality Construction Site Inspection Checklist" [Attachment "H"], (2) "Trained Contractor Personnel Log" [Attachment "I"], (3) "Subcontractor Notification Letter and Notification Log" [Attachment "J"], (4) "Notice of Non-Compliance" [Attachment "K"], (5) "Annual Certification of Compliance Form" [Attachment "M"], and (6) "Storm Water Pollution Prevention Plan (SWPPP) and Monitoring Program Checklist" [Attachment "L"]. The General Contractor will be required to designate a trained employee to manage the implementation of the SWPPP; maintain water quality on and offsite as it relates to the grading and construction phases of the project; complete the required inspections and forms; and serve as an on-site liaison between the General Contractor and the RDA relating to the SWPPP. Inspections shall follow the schedule outlined in Section 500.5: Construction BMP Maintenance, Inspection and Repair, and Attachment "G". Redevelopment Agency staff and/or any consultant designated by the RDA and/or staff of the local water quality control board has the right to conduct on-site inspections relating to the implementation of the SWPPP and the maintenance of BMPs and on-site water quality, and require that corrective action(s) be taken immediately to address any noted concerns, whether or not they are in the form of informal oral and/or written corrective measures or formal written notices of "violation" (NOV). Some written corrective measures and formal notices of violation may necessitate the testing of water quality on the construction site and/or at a designated location(s) off-site. The cost of any water quality testing and/or any required remediation due to the non-implementation and/or improper installation of BMPs, malfunctioning and/or damaged BMPs, improper onsite containment procedures, and on-site spill incidents, etc., as well as any monetary fines resulting from legal action taken by the local water quality control board relating to the implementation, maintenance and monitoring of this SWPPP, shall be borne exclusively and entirely by the General Contractor and his/her subcontractors.

---

General Contractor

---

Date

# MITIGATION MONITORING REPORTING PROGRAM

Name of Project: Cabazon Civic Center (RDA/CEQA 2008-1)

Applicant: Redevelopment Agency for the County of Riverside

Initial Study Prepared by: Claudia Steiding Senior Environmental Planner

Date: February 2010

Mitigation Measures No. / Implementing Action	Responsible for Monitoring	Monitoring Frequency	Timing of Verification	Method of Verification	Verified Date /Initials	Sanctions for Non-Compliance
<b>Air Quality</b>						
Mitigation Measure AQ-1: Demolition Phase: the County will be limited to the removal of approximately 500 cubic feet of material per day.	CC/PP	C	During grading and other earthwork	A		3
Mitigation Measure AQ-2: Grading Phase: as required by SCAQMD, the County will be required to water all disturbed surfaces twice per day.	CC/PP	C	During grading and other earthwork	A		3
<b>Cultural Resources</b>						
Mitigation Measure CR 1: A qualified archaeological monitor will be retained during grading of the site if remains of prehistoric, historic, or paleontological origin are unearthed. They shall be handled in accordance with current standards and guidelines to ensure adequate identification, recordation, and/or recovery of potentially significant cultural remains.	A	D	During grading and other earthwork	A		3
Mitigation Measure CR 2: If human remains are unearthed during construction activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. If the remains are determined to be of Native American descent, the coroner has 24 hours to notify the Native American Heritage Commission (NAHC). The NAHC shall then identify the person(s) thought to be the Most Likely Descendant of the deceased Native American, who shall then help determine what course of action shall be taken in dealing with the remains.	Coroner/NAHC	C	During grading and other earthwork	A		3

Mitigation Measures No. / Implementing Action	Responsible for Monitoring	Monitoring Frequency	Timing of Verification	Method of Verification	Verified Date /Initials	Sanctions for Non-Compliance
Cultural Resources Cont.						
Mitigation Measure CR 3: If paleontological resources are encountered during the course of construction and monitoring, the County shall halt or divert work and notify a County qualified paleontologist who shall document the discovery as needed, evaluate the potential resource, assess the significance of the find, and develop an appropriate treatment plan.	A	D	During grading and other earthwork	A		3
Noise						
Mitigation Measure N-1: No construction activities shall be undertaken between the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September and between the hours of 6:00 p.m. and 7:00 a.m. during the months of October through May. Exceptions to these standards shall be allowed only with the written consent of the building official.	CC	C	Throughout construction	A		3
Mitigation Measure N-2: The Construction Contractor shall ensure that all construction equipment, fixed or mobile, is properly operating (tuned-up) and mufflers are working adequately.	CC	C	Throughout construction	A		3
Mitigation Measure N-3: The Construction Contractor will ensure that stockpiling and vehicle staging areas are located as far as practical from noise-sensitive receptors during construction activities	CC	C	Throughout construction	A		3

#### Key to Checklist Abbreviations

Responsible Person	Monitoring Frequency	Method of Verification	Sanctions
BS – Building and Safety Official or Designee	A - With Each New Project	A - On-site Inspection	1 - Withhold Grading or Building Permit
PA – Planning Associate	B - Prior To Construction	B - Other Agency Permit / Approval	2 - Withhold Certificate of Occupancy
A – Archaeological/Paleontological Consultant	C - Throughout Construction	C - Plan Check	3 - Stop Work Order
PP – Project Proponent	D - On Completion	D - Separate Submittal (Reports/Studies/ Plans)	
SCAQMD – South Coast Air Quality Management Dist.	E - Operating		
Coroner/NAHC – County Coroner/ Native American Heritage Commission	D – During earthwork/grading		
CC – Construction Contractor			

COUNTY OF RIVERSIDE  
**(PROJECT NAME OR TITLE)**

COUNTY BOARD  
OF SUPERVISORS

John J. Benoit, Supervisor  
4<sup>th</sup> District

Marion Ashley, Supervisor  
5<sup>th</sup> District

Bob Buster, Supervisor  
1<sup>st</sup> District

John Tavaglione, Supervisor  
2<sup>nd</sup> District

Jeff Stone, Supervisor  
3<sup>rd</sup> District



PROJECT  
DEVELOPMENT TEAM

Bill Luna  
County Executive Officer

Robert Field  
Assistant County Executive Officer EDA

Insert "Project" Department Name  
Insert "Project" Dept Head Name  
Insert "Project" Dept Title

Insert General Contractor Name  
General Contractor

Insert Project Architect Name  
Project Architect

Insert rendering of  
completed project  
here



\*\*\*Please note: the "project" Board of Supervisor must be listed first and then each supervisor must be listed below in district order. For example, a project that is in district 4 would list John J. Benoit first, then District 5 but then start the series again with District 1 (see example above).

The font type must be Arial

The sign should be approximately 4' long and 8' wide

Revision Date: 1-27-10



# RIVERSIDE COUNTY FIRE DEPARTMENT

In cooperation with the  
California Department of Forestry and Fire Protection

77-933 Las Montanas Rd. #201, Palm Desert, CA 92211 Ph: (760) 863-8886 Fax: (760) 863-7072

John R. Hawkins  
Fire Chief

Proudly serving the  
unincorporated  
areas of Riverside  
County and the  
Cities of:

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Canyon Lake  
❖  
Coachella  
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Desert Hot Springs  
❖  
Indian Wells  
❖  
Indio  
❖  
Lake Elsinore  
❖  
La Quinta  
❖  
Moreno Valley  
❖  
Palm Desert  
❖  
Perris  
❖  
Rancho Mirage  
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Rubidoux CSD  
❖  
San Jacinto  
❖  
Temecula

Board of Supervisors  
Bob Buster,  
District 1

John Tavaglione,  
District 2

Jeff Stone,  
District 3

Roy Wilson,  
District 4

Marion Ashley,  
District 5

December 9, 2009

Riverside County EDA  
1325 Spruce Street  
Riverside, CA 92507

Re: Non-Structural Building Plan Review  
EDA-09-BP-020 Cabazon Library

Fire Department personnel have reviewed and approved the plans you submitted for the above referenced project. Please be advised the following conditions apply as a part of the conditions for the issuance of a building permit.

- 1) These conditions are for a shell building and will receive a shell final only. No fire and life safety clearance will be issued for a tenant space until the specific occupancy classification has been established and tenant improvement plans have been reviewed and conditioned by the Riverside County Fire Department.
- 2) Fire Department approval is based upon the 2007 CBC requirements for Group A-3/B/S-1 occupancies. It is prohibited to use, process or store any materials in the occupancy that would classify it as a Group H occupancy.
- 3) The Fire Department is required to set a minimum fire flow for the remodel or construction of all commercial buildings using the procedure established in the 2007 CFC. A fire flow of 1,500 gpm for a 2-hour duration at 20 psi residual operating pressure must be available before any combustible material is placed on the job site.
- 4) The required fire flow shall be available from (1) Super hydrant(s) (6" x 4" x 2 1/2" x 2 1/2") spaced not more than 500' apart and shall be a maximum of 250' from any point on a approved vehicular travel way to the hydrant(s). All Fire Department Appliances such as hydrants, FDC's and PIV's shall be located on the front access side of the building. PIV and FDC appliances shall not less than 40' from the building or more than 200' from an approved hydrant.
- 5) Prior to the issuance of a building permit, applicant/developer shall furnish one blueline copy of the water system plans to the Fire Department for review. Plans shall conform to the fire hydrant types, location and spacing, and the system shall meet the fire flow requirements. Plans must be signed by a registered Civil Engineer and/or the local water company with the following certification: "I certify that the design of the water system is in accordance with the requirements prescribed by the Riverside County Fire Department".
- 6) Provide written certification from the appropriate water company that hydrants will be installed and will produce the required fire flow.

The following conditions must be met prior to occupancy:

- 7) Install a complete fire sprinkler system per NFPA 13. The post indicator valve and fire department connection shall be located to the front within 200' of a hydrant, and a minimum of 40' from the building. System plans must be submitted to the Fire Department for review, along with a plan/inspection fee. The approved plans, with Fire Department Job card must be at the job site for all inspections.



- 8) Install an alarm monitoring system for fire sprinkler system(s) with 20 or more heads. Valve monitoring, water flow and trouble signals shall be transmitted to an approved central station. An approved audible sprinkler flow alarm shall be provided on the exterior in an approved location and also in the interior in a normally occupied location. A C-10 licensed contractor must submit plans, designed in accordance with NFPA 72, 2002 Edition, to the Fire Department for review and approval prior to installation.

Buildings/facilities

- 9) Install Knox Key Lock box, mounted per recommended standard of the Knox Company. If the building/facility is protected with a fire alarm system or burglar alarm system, the lock boxes will require "tamper" monitoring. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased.

Other requirements:

- 10) Prior to final inspection of any building, the applicant shall prepare and submit to the Fire Department for approval, a site plan designating required fire lanes with appropriate lane painting and/or signs.
- 11) Certain designated areas will be required to be maintained as fire lanes and will require approved signs and/or stenciling in red with CVC 22500.1 conspicuously posted.
- 12) Install portable fire extinguishers per Title 19, but not less than 2A10BC in rating. Contact a certified extinguisher company for proper placement and spacing of equipment.
- 13) Shelving, counters, etc., must be in place, however, no merchandise may be placed in the building prior to inspection.
- 14) The Fire Alarm System plans submitted with this plan are not a part of this plan review.
- 15) All fire sprinkler systems, fixed fire suppression systems and alarm plans must be submitted separately for approval prior to construction. Contractors should contact the Planning & Engineering office for submittal requirements.
- 16) Submit to the Fire Department for approval an emergency evacuation plan. The plan shall be conspicuously posted, and all employees shall be trained in such procedures.
- 17) Approved building address shall be placed in such a position as to be plainly visible and legible from the street and rear access if applicable. Building address numbers shall be a minimum of 12" for building(s) up to 25' in height, and 24" in height for building(s) exceeding 25' in height.
- 18) Electrical room door shall be posted "ELECTRICAL ROOM" on the outside of door.
- 19) Room capacity shall be posted in a conspicuous place on an approved sign near the main exit from the room.

Please contact the Fire Department Planning & Engineering staff for final inspection prior to occupancy.

Applicant/installer shall be responsible to contact the Fire Department to schedule inspections by calling the inspection line at (951) 955-5282.

All questions regarding the meaning of these conditions should be referred to the Fire Department Planning & Engineering staff at (760) 863-8886.

By

Jason Walsh  
Fire Safety Specialist



John R. Hawkins  
Fire Chief

Proudly serving the  
unincorporated  
areas of Riverside  
County and the  
Cities of:

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Coachella  
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Desert Hot Springs  
❖  
Indian Wells  
❖  
Indio  
❖  
Lake Elsinore  
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La Quinta  
❖  
Moreno Valley  
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Board of Supervisors

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District 5

# RIVERSIDE COUNTY FIRE DEPARTMENT

In cooperation with the  
California Department of Forestry and Fire Protection

77-933 Las Montanas Rd. #201, Palm Desert, CA 92211 Ph: (760) 863-8886 Fax: (760) 863-7072

December 10, 2009

Riverside County EDA  
1325 Spruce Street  
Riverside, CA 92507

Re: Non-Structural Building Plan Review  
EDA-09-BP-021 Cabazon Child Care Center

Fire Department personnel have reviewed and approved the plans you submitted for the above referenced project. Please be advised the following conditions apply as a part of the conditions for the issuance of a building permit.

- 1) These conditions are for a shell building and will receive a shell final only. No fire and life safety clearance will be issued for a tenant space until the specific occupancy classification has been established and tenant improvement plans have been reviewed and conditioned by the Riverside County Fire Department.
- 2) Fire Department approval is based upon the 2007 CBC requirements for Group B/E/S-1 occupancies. It is prohibited to use, process or store any materials in the occupancy that would classify it as a Group H occupancy.
- 3) The Fire Department is required to set a minimum fire flow for the remodel or construction of all commercial buildings using the procedure established in the 2007 CFC. A fire flow of 1,500 gpm for a 3-hour duration at 20 psi residual operating pressure must be available before any combustible material is placed on the job site.
- 4) The required fire flow shall be available from (1) Super hydrant(s) (6" x 4" x 2 1/2" x 2 1/2") spaced not more than 500' apart and shall be a maximum of 250' from any point on a approved vehicular travel way to the hydrant(s). All Fire Department Appliances such as hydrants, FDCs and PIVs shall be located on the front access side of the building. PIV and FDC appliances shall not less than 40' from the building or more than 200' from an approved hydrant.
- 5) Prior to the issuance of a building permit, applicant/developer shall furnish one blueline copy of the water system plans to the Fire Department for review. Plans shall conform to the fire hydrant types, location and spacing, and the system shall meet the fire flow requirements. Plans must be signed by a registered Civil Engineer and/or the local water company with the following certification: "I certify that the design of the water system is in accordance with the requirements prescribed by the Riverside County Fire Department"
- 6) Provide written certification from the appropriate water company that hydrants will be installed and will produce the required fire flow.

The following conditions must be met prior to occupancy:

- 7) Install a complete fire sprinkler system per NFPA 13. The post indicator valve and fire department connection shall be located to the front within 200' of a hydrant, and a minimum of 40' from the building. System plans must be submitted to the Fire Department for review, along with a plan/inspection fee. The approved plans, with Fire Department Job card must be at the job site for all inspections. *(Fire sprinkler riser location should be placed within the building in relation to the approved location of the FDC/PIV.)*

- 8) Whenever sprinkler overhead mains of 4" size or larger are provided, the Riverside County Fire Department requires documentation from a structural engineer that the roof structural members will be capable of supporting the weight of the water filled mains and attached lines. Provide appropriate detailed documentation, with a wet stamp and signature, by the project structural engineer.
- 9) Install a Manual and Automatic Fire Alarm per NFPA 72, which must include initiation by manual pull, any automatic device and activation of fire sprinkler water flow. System shall include occupant notification by audio/visual devices, and detectors in all unattended spaces. System plans must be submitted to the Fire Department for review, along with a plan check/inspection fee.

Buildings/facilities

- 10) Install Knox Key Lock box, mounted per recommended standard of the Knox Company. If the building/facility is protected with a fire alarm system or burglar alarm system, the lock boxes will require "tamper" monitoring. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased.

Other requirements:

- 11) Install panic hardware and exit signs as per the 2007 CBC.
- 12) Prior to final inspection of any building, the applicant shall prepare and submit to the Fire Department for approval, a site plan designating required fire lanes with appropriate lane painting and/or signs.
- 13) Certain designated areas will be required to be maintained as fire lanes and will require approved signs and/or stenciling in red with CVC 22500.1 conspicuously posted.
- 14) Install portable fire extinguishers per Title 19, but not less than 2A10BC in rating. Contact a certified extinguisher company for proper placement and spacing of equipment.
- 15) Install a Hood/Duct automatic fire extinguishing system. System plans must be submitted, along with a plan check/inspection fee, to the Fire Department for review.
- 16) Shelving, counters, etc., must be in place, however, no merchandise may be placed in the building prior to inspection.
- 17) The Fire Alarm System plans submitted with this plan are not a part of this plan review.
- 18) All fire sprinkler systems, fixed fire suppression systems and alarm plans must be submitted separately for approval prior to construction. Contractors should contact the Planning & Engineering office for submittal requirements.
- 19) Submit to the Fire Department for approval an emergency evacuation plan. The plan shall be conspicuously posted, and all employees shall be trained in such procedures.
- 20) Approved building address shall be placed in such a position as to be plainly visible and legible from the street and rear access if applicable. Building address numbers shall be a minimum of 12" for building(s) up to 25' in height, and 24" in height for building(s) exceeding 25' in height.
- 21) Electrical room door shall be posted "ELECTRICAL ROOM" on the outside of door.
- 22) Room capacity shall be posted in a conspicuous place on an approved sign near the main exit from the room.

Please contact the Fire Department Planning & Engineering staff for final inspection prior to occupancy.

Applicant/installer shall be responsible to contact the Fire Department to schedule inspections by calling the inspection line at (951) 955-5282.

All questions regarding the meaning of these conditions should be referred to the Fire Department Planning & Engineering staff at (760) 863-8886.

By

Jason Walsh  
Fire Safety Specialist



# RIVERSIDE COUNTY FIRE DEPARTMENT

In cooperation with the  
California Department of Forestry and Fire Protection

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John R. Hawkins  
Fire Chief

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Cities of:

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Canyon Lake  
❖  
Coachella  
❖  
Desert Hot Springs  
❖  
Indian Wells  
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Indio  
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Lake Elsinore  
❖  
La Quinta  
❖  
Moreno Valley  
❖  
Palm Desert  
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Perris  
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Rancho Mirage  
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Rubidoux CSD  
❖  
San Jacinto  
❖  
Temecula

Board of Supervisors

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District 1

John Tavaglione,  
District 2

Jeff Stone,  
District 3

Roy Wilson,  
District 4

Marion Ashley,  
District 5

December 9, 2009

Riverside County EDA  
1325 Spruce Street  
Riverside, CA 92507

Re: Non-Structural Building Plan Review  
EDA-09-BP-019 Water District Office

Fire Department personnel have reviewed and approved the plans you submitted for the above referenced project. Please be advised the following conditions apply as a part of the conditions for the issuance of a building permit.

- 1) These conditions are for a shell building and will receive a shell final only. No fire and life safety clearance will be issued for a tenant space until the specific occupancy classification has been established and tenant improvement plans have been reviewed and conditioned by the Riverside County Fire Department.
- 2) Fire Department approval is based upon the 2007 CBC requirements for Group A-3/B/S-1 occupancies. It is prohibited to use, process or store any materials in the occupancy that would classify it as a Group H occupancy.
- 3) The Fire Department is required to set a minimum fire flow for the remodel or construction of all commercial buildings using the procedure established in the 2007 CFC. A fire flow of 1,500 gpm for a 2-hour duration at 20 psi residual operating pressure must be available before any combustible material is placed on the job site.
- 4) The required fire flow shall be available from (1) Super hydrant(s) (6" x 4" x 2 1/2" x 2 1/2") spaced not more than 500' apart and shall be a maximum of 250' from any point on a approved vehicular travel way to the hydrant(s). All Fire Department Appliances such as hydrants, FDC's and PIV's shall be located on the front access side of the building. PIV and FDC appliances shall not less than 40' from the building or more than 200' from an approved hydrant.
- 5) The existing water mains and fire hydrants will provide sufficient fire protection for the proposed project.

The following conditions must be met prior to occupancy:

- 6) Install a complete fire sprinkler system per NFPA 13. The post indicator valve and fire department connection shall be located to the front within 200' of a hydrant, and a minimum of 40' from the building. System plans must be submitted to the Fire Department for review, along with a plan/inspection fee. The approved plans, with Fire Department Job card must be at the job site for all inspections. *(Sprinkler System is owner's request, therefore a letter of intent from the owner must be submitted prior to approval)*
- 7) Install an alarm monitoring system for fire sprinkler system(s) with 20 or more heads. Valve monitoring, water flow and trouble signals shall be transmitted to an approved to an approved central station. An approved audible sprinkler flow alarm shall be provided on the exterior in an approved location and also in the interior in a normally occupied location. A C-10 licensed contractor must submit plans, designed in accordance with NFPA 72, 2002 Edition, to the Fire Department for review and approval prior to

installation.

Gates/non-powered, for driveways/roads.

- 8) Install either Knox Key Lock box or a Knox Padlock mounted per recommended standard of the Knox Company. Plans must be submitted to the Fire Department for approval of mounting location/position and operating standards. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased. The keys for the gate will be placed inside these lock boxes for emergency access.
- 9) Gate entrances shall be at least 2' feet wider than the width of the traffic lane(s) serving that gate. All gates providing access from a road to a driveway shall be located at least 40' feet from the roadway and shall open to allow a vehicle to stop without obstructing traffic on the road.

Buildings/facilities

- 10) Install Knox Key Lock box, mounted per recommended standard of the Knox Company. If the building/facility is protected with a fire alarm system or burglar alarm system, the lock boxes will require "tamper" monitoring. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased.

Other requirements:

- 11) Prior to final inspection of any building, the applicant shall prepare and submit to the Fire Department for approval, a site plan designating required fire lanes with appropriate lane painting and/or signs.
- 12) Certain designated areas will be required to be maintained as fire lanes and will require approved signs and/or stenciling in red with CVC 22500.1 conspicuously posted.
- 13) Install portable fire extinguishers per Title 19, but not less than 2A10BC in rating. Contact a certified extinguisher company for proper placement and spacing of equipment.
- 14) Shelving, counters, etc., must be in place, however, no merchandise may be placed in the building prior to inspection.
- 15) The Fire Alarm System plans submitted with this plan are not a part of this plan review.
- 16) All fire sprinkler systems, fixed fire suppression systems and alarm plans must be submitted separately for approval prior to construction. Contractors should contact the Planning & Engineering office for submittal requirements.
- 17) Fire doors shall be activated by the activation of the Fire Alarm system.
- 18) Submit to the Fire Department for approval an emergency evacuation plan. The plan shall be conspicuously posted, and all employees shall be trained in such procedures.
- 19) Approved building address shall be placed in such a position as to be plainly visible and legible from the street and rear access if applicable. Building address numbers shall be a minimum of 12" for building(s) up to 25' in height, and 24" in height for building(s) exceeding 25' in height.

20) Electrical room door shall be posted "ELECTRICAL ROOM" on the outside of door.

21) Room capacity shall be posted in a conspicuous place on an approved sign near the main exit from the room.

Please contact the Fire Department Planning & Engineering staff for final inspection prior to occupancy.

Applicant/installer shall be responsible to contact the Fire Department to schedule inspections by calling the inspection line at (951) 955-5282.

All questions regarding the meaning of these conditions should be referred to the Fire Department Planning & Engineering staff at (760) 863-8886.

By

Jason Walsh  
Fire Safety Specialist





# RIVERSIDE COUNTY FIRE DEPARTMENT

In cooperation with the  
California Department of Forestry and Fire Protection

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John R. Hawkins  
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Desert Hot Springs  
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Indian Wells  
❖  
Indio  
❖  
Lake Elsinore  
❖  
La Quinta  
❖  
Moreno Valley  
❖  
Palm Desert  
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Perris  
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Rancho Mirage  
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Rubidoux CSD  
❖  
San Jacinto  
❖  
Temecula

Board of Supervisors

Bob Buster,  
District 1

John Tavaglione,  
District 2

Jeff Stone,  
District 3

Roy Wilson,  
District 4

Marion Ashley,  
District 5

December 10, 2009

Riverside County EDA  
1325 Spruce Street  
Riverside, CA 92507

Re: Non-Structural Building Plan Review  
EDA-09-BP-022 Maintenance Bldg.

Fire Department personnel have reviewed and approved the plans you submitted for the above referenced project. Please be advised the following conditions apply as a part of the conditions for the issuance of a building permit.

**\*\* The occupant or tenant must provide detailed information specific to the type of business and commodities proposed. A Fire Protection Analysis report prepared by a Fire Protection Engineer may be required to determine the occupancy classification and appropriate fire protection measures. Failure to provide a comprehensive analysis or technical information acceptable to the Fire Department may result in project delays.**

- 1) These conditions are for a shell building and will receive a shell final only. No fire and life safety clearance will be issued for a tenant space until the specific occupancy classification has been established and tenant improvement plans have been reviewed and conditioned by the Riverside County Fire Department.
- 2) Fire Department approval is based upon the 2007 CBC requirements for Group H-3/B occupancies.
- 3) The Fire Department is required to set a minimum fire flow for the remodel or construction of all commercial buildings using the procedure established in the 2007 CFC. A fire flow of 1,500 gpm for a 2-hour duration at 20 psi residual operating pressure must be available before any combustible material is placed on the job site.
- 4) The required fire flow shall be available from (1) Super hydrant(s) (6" x 4" x 2 1/2" x 2 1/2") spaced not more than 500' apart and shall be a maximum of 250' from any point on a approved vehicular travel way to the hydrant(s). All Fire Department Appliances such as hydrants, FDCs and PIVs shall be located on the front access side of the building. PIV and FDC appliances shall not less than 40' from the building or more than 200' from an approved hydrant.
- 5) Prior to the issuance of a building permit, applicant/developer shall furnish one blueline copy of the water system plans to the Fire Department for review. Plans shall conform to the fire hydrant types, location and spacing, and the system shall meet the fire flow requirements. Plans must be signed by a registered Civil Engineer and/or the local water company with the following certification: "I certify that the design of the water system is in accordance with the requirements prescribed by the Riverside County Fire Department".
- 6) Provide written certification from the appropriate water company that hydrants will be installed and will produce the required fire flow.

The following conditions must be met prior to occupancy:

- 7) Install a complete fire sprinkler system per NFPA 13. The post indicator valve and fire department

connection shall be located to the front within 25' to 50' of a hydrant, and a minimum of 25' from the building. System plans must be submitted to the Fire Department for review, along with a plan/inspection fee. The approved plans, with Fire Department Job card must be at the job site for all inspections. *(Fire sprinkler riser location should be placed within the building in relation to the approved location of the FDC/PIV.)*

- 8) Install an alarm monitoring system for fire sprinkler system(s) with 20 or more heads. Valve monitoring, water flow and trouble signals shall be transmitted to an approved to an approved central station. An approved audible sprinkler flow alarm shall be provided on the exterior in an approved location and also in the interior in a normally occupied location. A C-10 licensed contractor must submit plans, designed in accordance with NFPA 72, 2002 Edition, to the Fire Department for review and approval prior to installation.

Gate, Power Operated (driveway/road with powered gates).

- 9) Install Knox key operated switches, series KS-2P with dust cover, mounted per recommended standard of the Knox Company. Plans must be submitted to the Fire Department for approval of mounting location/position and operating standards. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased.
- 10) Operation of the Knox key switch shall simultaneously open and control the gates for both directions of travel.
- 11) Gate entrances shall be at least 2' feet wider than the width of the traffic lane(s) serving that gate. All gates providing access from a road to a driveway shall be located at least 30' feet from the roadway and shall open to allow a vehicle to stop without obstructing traffic on the road.
- 12) Gates shall have either a secondary power supply or an approved manual means to release mechanical control of the gate in the event of loss of primary power.

Buildings/facilities

- 13) Install Knox Key Lock box, mounted per recommended standard of the Knox Company. If the building/facility is protected with a fire alarm system or burglar alarm system, the lock boxes will require "tamper" monitoring. Special forms are available from this office for the ordering of the Key Switch. This form must be authorized and signed by this office for the correctly coded system to be purchased.

Other requirements:

- 14) Prior to final inspection of any building, the applicant shall prepare and submit to the Fire Department for approval, a site plan designating required fire lanes with appropriate lane painting and/or signs.
- 15) Certain designated areas will be required to be maintained as fire lanes and will require approved signs and/or stenciling in red with CVC 22500.1 conspicuously posted.
- 16) Install portable fire extinguishers per Title 19, but not less than 2A20BC in rating. Contact a certified extinguisher company for proper placement and spacing of equipment.
- 17) Shelving, counters, etc., must be in place, however, no merchandise may be placed in the building prior to

inspection.

- 18) Submit to the Fire Department for approval, a Hazardous Materials Management Plan and a Hazardous Materials inventory statement as outlined in the 2007 CFC.
- 19) Automatic gate operations are not a part of the Fire Department approval of these plans.
- 20) The Fire Alarm System plans submitted with this plan are not a part of this plan review.
- 21) All fire sprinkler systems, fixed fire suppression systems and alarm plans must be submitted separately for approval prior to construction. Contractors should contact the Planning & Engineering office for submittal requirements.
- 22) Approved building address shall be placed in such a position as to be plainly visible and legible from the street and rear access if applicable. Building address numbers shall be a minimum of 12" for building(s) up to 25' in height, and 24" in height for building(s) exceeding 25' in height.
- 23) Electrical room door shall be posted "ELECTRICAL ROOM" on the outside of door.

Please contact the Fire Department Planning & Engineering staff for final inspection prior to occupancy.

Applicant/installer shall be responsible to contact the Fire Department to schedule inspections by calling the inspection line at (951) 955-5282.

All questions regarding the meaning of these conditions should be referred to the Fire Department Planning & Engineering staff at (760) 863-8886.

By

Jason Walsh  
Fire Safety Specialist



RIVERSIDE COUNTY COMMUNITY HEALTH AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH

FOOD ESTABLISHMENT PLAN APPROVAL NOTICE

Plan Check # 15740 Date 8-25-09

Project Name Cabazon Child Development Center Address 50391 Carmen Ave., Cabazon

Plans Submitted by Dominick Lombardi Phone 951-955-6622

Owner Family Service Assoc. Address 21250 Box Springs Rd., Moreno Valley Phone 951-686-1096

The plans are now approved subject to the conditions listed below and the attached compliance sheet.

1. Provide an approved backflow prevention device for the filler hose ( item #19) I.e. Dual check valve, etc.
2. Provide an additional 7.5' linear feet of approved dry storage shelving. Requirement is 32'. Plans show 24.5 linear feet.
3. The number of lockers provided shall be equal, or greater than the number of workers assigned to a peak shift
4. The trash enclosure must meet current standards and be finished so that the interior floor and walls are smooth and easily cleanable. Seal these interior surfaces with an approved epoxy or similar durable water proof product.
5. This plan does not include sewage or water service approval. Prior to the final inspection provide a grease interceptor sizing form from your local water agency.
6. A certified air balance report will be required for each installed hood prior to completion of the final.
7. All exterior and restroom doors must be self closing. Exterior doors must also be sealed against entry by vermin. Service windows such as drive through windows must likewise be self closing and if greater than 216 square inches have dedicated air curtains. The delivery door air curtain must deliver air at a velocity of 1600 fpm at a height of 3' above the floor.

**CONSTRUCTION INSPECTIONS:** Contact the Plan Checker for a **Preliminary Inspection** when construction is approximately 80% complete, with plumbing, rough ventilation, and rough equipment installed. Request for inspection should be made at least five (5) working days in advance.

**A FINAL INSPECTION MUST** be made upon completion of ALL work including finished details. APPROVAL to operate shall not be granted, or remodeled areas approved to operate, until the facility has passed the FINAL INSPECTION, and "APPLICATION TO OPERATE" has been completed and PERMIT FEES have been paid.

**Request for inspection should be made at least five (5) working days in advance.**

PLANS CHECKED BY Jerry Dubin REHS Phone 951-766-2824

I acknowledge the corrections noted herein and as indicated on the plans and agree to incorporate them during construction:

Signature [Signature] Date 8/27/09  
Company Name RDA or Riverside County

DEH-SAN-178 (Rev 2/06)

Corona  
2275 S. Main St Suite 204  
(951) 273-9140  
Fax (951) 520-8319

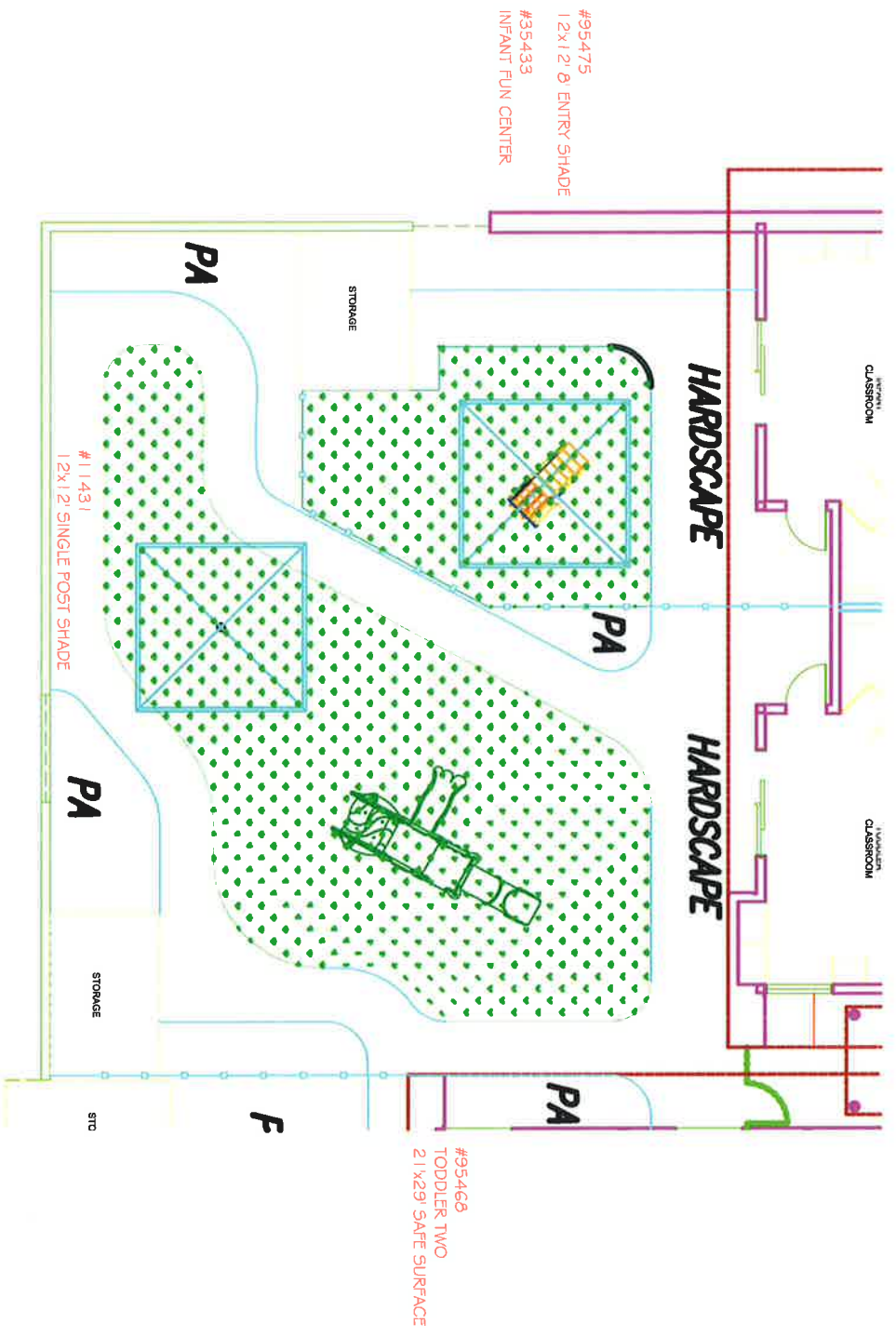
Hemet  
800 S. Sanderson  
(951) 766-2824  
Fax (951) 766-7874

Indio  
47-950 Arabia St "A"  
(760) 863-8287  
Fax (760) 863-8303  
Department Web Site - [www.rivcoeh.org](http://www.rivcoeh.org)

Murrieta  
38740 Sky Canyon Dr  
(951) 461-0284  
Fax (951) 461-0245

Palm Springs  
2500 N. Palm Canyon Dr  
(760) 320-1048  
Fax (760) 320-1470

Riverside  
4065 County Cir  
(951) 358-5172  
Fax (951) 358-5017



CUSTOMER SIGNATURE \_\_\_\_\_

**PG1** CABAZON CDC INFANT & TODDLER AREA  
PLAYGROUND PLAN (N.T.S.)

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1-800-334-2014 WWW.KAPLANCO.COM

OPTION CDC  
NEW PLAYGROUND FACILITY  
PLAYGROUND PLAN



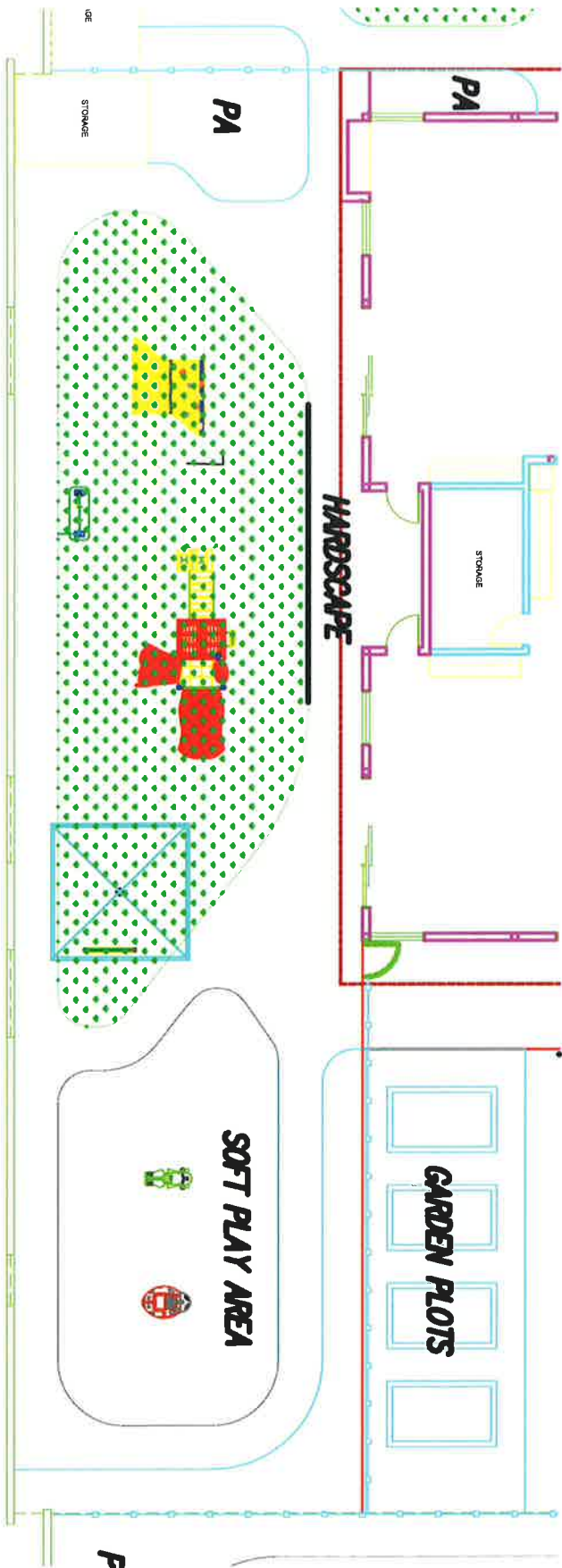
KAPLAN ELC CERTIFIES THAT OUR EQUIPMENT MEETS OR EXCEEDS THE STANDARDS GIVEN IN ASTM F1487-05 AND CPSC.

REVISIONS		
#	DATE	BY

JOB  
**201008**

DATE  
**03 APR. 09**

SHEET  
**PG1**  
OF



#11851  
CLIMBING TUNNEL  
19x21' SAFE SURFACE

#48762  
GAS STATION

#236-0821  
PLAY UNIT  
22x32-9' SAFE SURFACE

#11431  
12x12 SINGLE POST SHADE  
#72024  
PAINT STATION

#48710  
GALLAGHER THE GRASSHOPPER  
14x17' SAFE SURFACE  
#48707  
SCARLETT THE LADYBUG  
15x17' SAFE SURFACE

CUSTOMER SIGNATURE

PG2 CABAZON CDC 3-5 YEAR OLD AREA  
PLAYGROUND PLAN (N.T.S.)

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CABAZON CDC  
NEW PLAYGROUND FACILITY  
PLAYGROUND PLAN



KAPLAN E.L.C. CERTIFIES THAT  
OUR EQUIPMENT MEETS OR  
EXCEEDS THE STANDARDS  
GIVEN IN ASTM F1487-05  
AND CPSC.

#	DATE	BY

JOB  
20108  
DATE  
03 APR. 09  
SHEET  
PG2  
OF





CUSTOMER SIGNATURE \_\_\_\_\_

**PG3** CABAZON CDC 6-12 YEAR OLD AREA  
PLAYGROUND PLAN (N.T.S.)

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OWNER: CBO  
NEW PLAYGROUND FACILITY  
PLAYGROUND PLAN



KAPLAN ELC CERTIFIES THAT OUR EQUIPMENT MEETS OR EXCEEDS THE STANDARDS GIVEN IN ASTM F1487-05 AND CPSC.

REVISIONS

DATE BY

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JOB: 29108

DATE: 03 APR. 08

SHEET: P03 OF

SECTION 08710  
DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Door Hardware, including electric hardware.
2. Storefront and entrance door hardware.
3. Gate Hardware.
4. Card Access control system.
5. Power supplies for electric hardware.
6. Low energy door operators plus sensors and actuators.
7. Remote button release hardware.
8. Padlocks.
9. Cylinders for doors fabricated with locking hardware.

B. Related Sections:

1. Section 06200 - Finish Carpentry: Finish Hardware Installation
2. Section 07900 - Joint Sealers – exterior thresholds
3. Section 08100 - Metal Doors and Frames
4. Section 08120 - Interior Aluminum Frames
5. Section 08200 - Wood Doors
6. Section 08300 - Special Doors
7. Section 08400 - Entrances and Storefronts
8. Section 10650 - Operable Partitions
9. Section 16200 - Electrical Power
10. Section 16724 - Security Access Systems

C. Specific Omissions: Hardware for the following is specified or indicated elsewhere.

1. Windows.
2. Cabinets, including open wall shelving and locks.
3. Signs, except where scheduled.



4. Toilet accessories, including grab bars.
5. Installation.
6. Rough hardware.
7. Conduit, junction boxes & wiring.
8. Folding partitions, except cylinders where detailed.
9. Sliding aluminum doors, except cylinders where detailed.
10. Access doors and panels, except cylinders where detailed.
11. Corner Guards.
12. Wrought Iron railing gates and supports.

## 1.2 REFERENCES:

Use date of standard in effect as of Bid date.

- A. American National Standards Institute – ANSI 156.18 – Materials and Finishes.
- B. ADA – Americans with Disabilities Act of 1990
- C. BHMA – Builders Hardware Manufacturers Association
- D. DHI – Door and Hardware Institute
- E. NFPA – National Fire Protection Association
  1. NFPA 80 – Fire Doors and Windows
  2. NFPA 105 – Smoke and Draft Control Door Assemblies
  3. NFPA 252 – Fire Tests of Door Assemblies
- F. UL – Underwriters Laboratories
  1. UL10C – Positive Pressure Fire Tests of Door Assemblies.
  2. UL 305 – Panic Hardware
- G. WHI – Warnock Hersey Incorporated
- H. 2007 State of California Building Code
- I. Local applicable codes
- J. SDI – Steel Door Institute
- K. WI – Woodwork Institute

### 1.3 SUBMITTALS & SUBSTITUTIONS

- A. SUBMITTALS: Submit six copies of schedule per Section 01330. Only submittals printed one sided will be accepted and reviewed. Organize vertically formatted schedule into "Hardware Sets" with index of doors and headings, indicating complete designations of every item required for each door or opening. Include following information:
1. Type, style, function, size, quantity and finish of hardware items.
  2. Use BHMA Finish codes per ANSI A156.18.
  3. Name, part number and manufacturer of each item.
  4. Fastenings and other pertinent information.
  5. Description of door location using space names and numbers as published in the drawings.
  6. Explanation of abbreviations, symbols, and codes contained in schedule.
  7. Mounting locations for hardware.
  8. Door and frame sizes, handing, materials, fire-rating and degrees of swing.
  9. List of manufacturers used and their nearest representative with address and phone number.
  10. Catalog cuts.
  11. Wiring Diagrams.
  12. Manufacturer's technical data and installation instructions for electronic hardware.
- B. Bid and submit manufacturer's updated/improved item if scheduled item is discontinued.
- C. Deviations: Highlight, encircle or otherwise identify deviations from "Schedule of Finish Hardware" on submittal with notations clearly designating those portions as deviating from this section.
- D. If discrepancy between drawings and scheduled material in this section, bid the more expensive of the two choices, note the discrepancy in the submittal and request direction from Architect for resolution.
- E. Substitutions per Division 1. Include product data and indicate benefit to the Project. Furnish operating samples on request.
- F. Furnish as-built/as-installed schedule with closeout documents, including keying schedule, wiring diagrams, manufacturers' installation, adjustment and maintenance information, and supplier's final inspection report.

#### 1.4 QUALITY ASSURANCE:

##### A. Qualifications:

1. Hardware supplier: direct factory contract supplier who employs a certified architectural hardware consultant (AHC), available at reasonable times during course of work for project hardware consultation to Owner, Architect and Contractor.

- a) Responsible for detailing, scheduling and ordering of finish hardware. Detailing implies that the submitted schedule of hardware is correct and complete for the intended function and performance of the openings.

- ##### B. Hardware: Free of defects, blemishes and excessive play. Obtain each kind of hardware (latch and locksets, exit devices, hinges and closers) from one manufacturer.

- ##### C. Exit Doors: Operable from inside with single motion without the use of a key or special knowledge or effort.

- ##### D. Fire-Rated Openings: NFPA 80 compliant. Hardware UL10C / California State Fire Marshal Standard 12-7-4 (positive pressure) compliant for given type/size opening and degree of label. Provide proper latching hardware, non-flaming door closers, approved-bearing hinges, and resilient seals. Coordinate with wood door section for required intumescent seals. Furnish openings complete.

1. Note: scheduled resilient seals may exceed selected door manufacturer's requirements.

2. See 2.6.E for added information regarding resilient and intumescent seals.

- ##### E. Furnish hardware items required to complete the work in accordance with specified performance level and design intent, complying with manufacturers' instructions.

#### 1.5 DELIVERY, STORAGE AND HANDLING:

- ##### A. Delivery: coordinate delivery to appropriate locations (shop or field).

1. Permanent keys and cores: secured delivery direct to Owner's representative.

- ##### B. Acceptance at Site: Items individually packaged in manufacturers' original containers, complete with proper fasteners and related pieces. Clearly mark packages to indicate contents, locations in hardware schedule and door numbers.

- ##### C. Storage: Provide securely locked storage area for hardware, protect from moisture, sunlight, paint, chemicals, dust, excessive heat and cold, etc.

## 1.6 PROJECT CONDITIONS AND COORDINATION:

- A. Where exact types of hardware specified are not adaptable to finished shape or size of members requiring hardware, provide suitable types having as nearly as practical the same operation and quality as type specified, subject to Architect's approval.
- B. Coordination: Coordinate hardware with other work. Furnish hardware items of proper design for use on doors and frames of the thickness, profile, swing, security and similar requirements indicated, as necessary for proper installation and function, regardless of omissions or conflicts in the information on the Contract Documents. Furnish related trades with the following information:
  - 1. Location of embedded and attached items to concrete.
  - 2. Location of wall-mounted hardware, including wall stops.
  - 3. Location of finish floor materials and floor-mounted hardware.
  - 4. Locations for conduit and raceways as needed for electrical, electronic and electro-pneumatic hardware items. Fire/life-safety system interfacing. Point-to-point wiring diagrams plus riser diagrams to related trades.
  - 5. Manufacturer templates to door and frame fabricators.
- C. Check Shop Drawings for doors and entrances to confirm that adequate provisions will be made for proper hardware installation. Do not order hardware until the submittal has been reviewed by the frame and door suppliers for compatibility with their products.

## 1.7 WARRANTY:

A. Part of respective manufacturers' regular terms of sale. Provide manufacturers' written warranties:

- |    |                                    |   |
|----|------------------------------------|---|
| 1. | Locksets:                          | Three years                                   |
| 2. | Extra Heavy Duty Cylindrical Lock: | Seven Years                                   |
| 3. | Exit Devices:                      | Three years mechanical<br>One year electrical |
| 4. | Closers:                           | Ten years mechanical<br>Two years electrical  |
| 5. | Hinges:                            | One year                                      |
| 6. | Other Hardware                     | Two years                                     |

## 1.8 COMMISSIONING:

A. Conduct these tests prior to request for certificate of substantial completion:

1. With installer present, test door hardware operation with climate control system and stairwell pressurization system both at rest and while in full operation.
2. With installer, access control contractor and electrical contractor present, test electrical, electronic and electro-pneumatic hardware systems for satisfactory operation.
3. With installer and electrical contractor present, test hardware interfaced with fire/life-safety system for proper operation and release.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS:

- A. Listed acceptable alternate manufacturers: submit for review products with equivalent function and features of scheduled products.

ITEM:	MANUFACTURER:	ACCEPTABLE SUB:
Hinges	(IVE) Ives	Bommer
Continuous Hinges	(IVE) Ives	Pemko, Select
Pivots	(IVE) Ives	Rixson
Key System	(SCH) Schlage	Corbin (57B1-6)
Locks	(SCH) Schlage	Corbin-Russwin
Exit Devices	(VON) Von Duprin	City's Standard
Closers	(LCN) LCN	Norton
Auto Flush Bolts	(IVE) Ives	DCI
Coordinators	(IVE) Ives	DCI
Silencers	(IVE) Ives	Rockwood
Push & Pull Plates	(IVE) Ives	Rockwood
Kickplates	(IVE) Ives	Rockwood
Stops & Holders	(IVE) Ives	Rockwood
Overhead Stops	(GLY) Glynn-Johnson	ABH
Thresholds	(NGP) NGP	Zero, Reese
Seals & Bottoms	(NGP) NGP	Zero, Reese, <b>DHSI</b>
Key Cabinets	(LUN) Lund	TelKee
Aluminum Door Locks	(ADA) Adams Rite	None

## 2.2 HINGING METHODS:

- A. Drawings typically depict doors at 90 degrees, doors will actually swing to maximum allowable. Use wide-throw conventional or continuous hinges as needed up to 8 inches in width to allow door to stand parallel to wall for true 180-degree opening. Advise architect if 8-inch width is insufficient.
- B. Conform to manufacturer's published hinge selection standard for door dimensions, weight and frequency, and to hinge selection as scheduled. Where manufacturer's standard exceeds the scheduled product, furnish the heavier of the two choices, notify Architect of deviation from scheduled hardware.
- C. Conventional Hinges: Steel or stainless steel pins and concealed bearings. Hinge open widths minimum, but of sufficient throw to permit maximum door swing.
  - 1. Outswinging exterior doors: non-ferrous with non-removable (NRP) pins and security studs.
  - 2. Non-ferrous material exteriors and at doors subject to corrosive atmospheric conditions.
- D. Continuous Hinges:
  - 1. Geared-type aluminum.
    - a) Use wide-throw units where needed for maximum degree of swing, advise architect if commonly available hinges are insufficient.
- E. Pivots: high-strength forged bronze or stainless steel, tilt-on precision bearing and bearing pin.
  - 1. Bottom and intermediate pivots: adjustability of minus 1/16 inch, plus 1/8 inch.

## 2.3 LOCKSETS, LATCHSETS, DEADBOLTS:

- A. Mortise Locksets and Latchsets: as scheduled.
  - 1. Chassis: cold-rolled steel, handing field-changeable without disassembly.
  - 2. Latchbolts: 3/4 inch throw stainless steel anti-friction type.
  - 3. Lever Trim: through-bolted, accessible design, cast lever or solid extruded bar type levers as scheduled. Filled hollow tube design unacceptable.
    - a) Spindles: security design independent breakaway. Breakage of outside lever does not allow access to inside lever's hubworks to gain wrongful entry.

4. Furnish solid cylinder collars with wave springs. Wall of collar to cover rim of mortise cylinder.
  5. Thumbturns: accessible design not requiring pinching or twisting motions to operate.
  6. Deadbolts: stainless steel 1-inch throw.
  7. Electric operation: Manufacturer-installed continuous duty solenoid.
  8. Strikes: 16 gage curved steel, bronze or brass with 1 inch deep box construction, lips of sufficient length to clear trim and protect clothing.
  9. Scheduled Lock Series and Design: Schlage L series, 17A design.
  10. Certifications:
    - a) ANSI A156.13, 1994, Grade 1 Operational, Grade 1 Security.
    - b) ANSI/ASTM F476-84 Grade 31 UL Listed.
- B. Extra Heavy Duty Cylindrical Locks and Latches: as scheduled.
1. Chassis: cylindrical design, corrosion-resistant plated cold-rolled steel, through-bolted.
  2. Locking Spindle: stainless steel, integrated spring and spindle design.
  3. Latch Retractors: forged steel. Balance of inner parts: corrosion-resistant plated steel, or stainless steel.
  4. Latchbolt: solid steel.
  5. Backset: 2-3/4" typically, more or less as needed to accommodate frame, door or other hardware.
  6. Lever Trim: accessible design, independent operation, spring-cage supported, minimum 2" clearance from lever mid-point to door face.
  7. Electric operation: Manufacturer-installed continuous duty solenoid.
  8. Strikes: 16 gage curved steel, bronze or brass with 1" deep box construction, lips of sufficient length to clear trim and protect clothing.
  9. Lock Series and Design: Schlage ND series, "Sparta" design.
    - a) Approved alternate: Corbin-Russwin CL3300 "PZD" a
  10. Certifications:
    - a) ANSI A156.2, 1994, Series 4000, Grade 1.
    - b) UL listed for A label and lesser class single doors up to 4ft x 8ft.



## 2.4 EXIT DEVICES / PANIC HARDWARE

### A. General features:

1. Independent lab-tested 1,000,000 cycles.
2. Push-through push-pad design. No exposed push-pad fasteners, no exposed cavities when operated. Return stroke fluid dampeners and rubber bottoming dampeners, plus anti-rattle devices.
3. 0.75-inch throw deadlocking latchbolts.
4. End caps: impact-resistant, flush-mounted. No raised edges or lips to catch carts or other equipment.
5. No exposed screws to show through glass doors.
6. Non-handed basic device design with center case interchangeable with all functions, no extra parts required to effect change of function.
7. Releasable in normal operation with 15-lb. maximum operating force per California State Fire Marshal Standard 12-10-3, and with 32 lb. maximum pressure under 250-lb. load to the door.
8. Exterior doors scheduled with XP-series devices: Static load force resistance of at least 2000 pounds.
9. Where devices span over door lite frame and the face of the selected lite manufacturer's frame is raised from the face of the door, furnish panic hardware manufacturer's fitted shims or glass-bead kits at no additional cost to the project.
10. Comply with CBC Section 1003.3.1.9.

### B. Specific features:

1. Non-Fire Rated Devices: cylinder dogging.
2. Lever Trim: breakaway type, forged brass or bronze escutcheon min .130" thickness, compression spring drive, match lockset lever design.
3. Fire-Labeled Devices: UL label indicating "Fire Exit Hardware". Vertical rod devices less bottom rod (LBR) unless otherwise scheduled.
4. Electrically Operated Devices: Single manufacturer source for electric latch retraction devices, electrically controlled trim, power transfers, power supplies, monitoring switches and controls.

## 2.5 CLOSERS

### A. Surface Closers:

1. Full rack-and-pinion type cylinder with removable non-ferrous cover and cast iron body. Double heat-treated pinion shaft, single piece forged piston, chrome-silicon steel spring.
  - a) Approved alternate closer: Norton 7500 series
2. ISO 2000 certified. Units stamped with date-of-manufacture code.
3. Independent lab-tested 10,000,000 cycles.
4. Non-sized and adjustable. Place closers inside building, stairs and rooms.
5. Plates, brackets and special templating when needed for interface with particular header, door and wall conditions and neighboring hardware.
6. Advanced Variable Backcheck (AVB): where scheduled, these units commence backcheck at approximately 45 degrees.
7. Adjustable to open with not more than 5.0lbs pressure to open at exterior doors and 5.0lbs at interior doors. As allowed per California Building Code, Section 1133B.2.5, local authority may increase the allowable pressure for fire doors to achieve positive latching, but not to exceed 15lbs.
8. Separate adjusting valves for closing speed, latching speed and backcheck, fourth valve for delayed action where scheduled.
9. Extra-duty arms (EDA) at exterior doors scheduled with parallel arm units. EDA arms: rigid main and forearm, reinforced elbow.
10. Exterior door closers: tested to 100 hours of ASTM B117 salt spray test, furnish data on request.
11. Exterior doors: seasonal adjustments not required for temperatures from 120 degrees F to -30 degrees F, furnish checking fluid data on request.
12. Non-flaming fluid, will not fuel door or floor covering fires.
13. Pressure Relief Valves (PRV) not permitted.

## 2.6 OTHER HARDWARE

- A. Automatic Flush Bolts: Low operating force design.
- B. Overhead Stops: Non-plastic mechanisms and finished metal end caps. Field-changeable hold-open, friction and stop-only functions.
- C. Kick Plates: Four beveled edges, .050 inches minimum thickness, height and width as scheduled. Sheet-metal screws of bronze or stainless steel to match other hardware.
- D. Door Stops: Provide stops to protect walls, casework or other hardware.

1. Unless otherwise noted in Hardware Sets, provide floor type with appropriate fasteners. Where floor type cannot be used, provide wall type. If neither can be used, provide overhead type.
  2. Locate overhead stops for maximum possible opening. Consult with Owner for furniture locations. Minimum: 90deg stop / 95deg deadstop. Note degree of opening in submittal.
- E. Seals: Four-fingered type at head & jambs. Inelastic, rigid back, not subject to stretching. Self-compensating for warp, thermal bow, and out-of-plumb. Adhesive warranted for life of installation.**
1. **Proposed substitutions: submit for approval.**
  2. **Three-fingered type at hinge jambs of doors fitted with continuous hinges where jamb leaf of hinge is fastened to the frame reveal.**
- F.** Automatic door bottoms: low operating force units. Doors with automatic door bottoms plus head and jamb seals cannot require more than two pounds operating force to open when closer is disconnected.
- G.** Thresholds: As scheduled and per details. Comply with CBC Section 1133B.2.4.1. Substitute products: certify that the products equal or exceed specified material's thickness. Proposed substitutions: submit for approval.
1. Exteriors: Seal perimeter to exclude water and vermin. Use sealant complying with requirements in Division 7 "Thermal and Moisture Protection". Non-ferrous 1/4inch fasteners and lead expansion shield anchors, or Red-Head #SFS-1420 (or approved equivalent) Flat Head Sleeve Anchors (SS/FHSL).
  2. Fire-rated openings, 90min or less duration: use thresholds to interrupt floor covering material under the door where that material has a critical radiant flux value less than 0.22 watts per square centimeter, per NFPA 253. Use threshold unit as scheduled. If none scheduled, request direction from Architect.
  3. Plastic plugs with wood or sheet metal screws are not an acceptable substitute for specified fastening methods.
  4. Fasteners: Generally, exposed screws to be Phillips or Robertson drive. Pinned TORX drive at high security areas. Flat head sleeve anchors (FHSL) may be slotted drive. Sheet metal and wood screws: full-thread. Sleeve nuts: full length to prevent door compression.

- H. Exposed Through-Bolts: Do not use SNB, grommet nuts, sleeve nuts or other such clamping type fasteners, intent is for minimal exposed hardware. Coordinate with wood doors; ensure provision of proper blocking to support wood screws for mounting panic hardware and door closers. Coordinate with metal doors and frames; ensure provision of proper reinforcement to support machine screws for mounting panic hardware and door closers.
- I. Silencers: Interior hollow metal frames, 3 for single doors, 4 for pairs of doors. Omit where adhesive mounted seal occurs. Leave no unfilled/uncovered pre-punched silencer holes.

## 2.7 FINISH:

- A. Generally BHMA 626 Satin Chrome.
  - 1. Areas using BHMA 626 to have push-plates, pulls and protection plates of BHMA 630, Satin Stainless Steel, unless otherwise noted.
- B. Door closers: factory powder coated to match other hardware, unless otherwise noted.
  - 1. Provide satin-chrome plated arms, tracks and covers where scheduled bright metallic powder coat (MTLPC)(BRT) not available.
- C. Aluminum items: match predominant adjacent material. Seals to coordinate with frame color.

## 2.8 KEYING REQUIREMENTS:

- A. Key System: Furnish Schlage classic keyway, interchangeable core. For estimate use factory GMK charge. Initiate and conduct meeting(s) with Owner and I-R Security & Safety Consultants representatives to determine system keyway(s), keybow styles, structure and degree of geographic exclusivity. Furnish Owner's written approval of the system.
  - 1. Approved alternate key system: Corbin 57B1-6, interchangeable core, 52-series keybows.
- B. Keys
  - 1. Existing factory registered master key system.
  - 2. Construction keying: furnish temporary keyed-alike cores. Remove at substantial completion and install permanent cylinders/cores in Owner's presence. Demonstrate that construction key no longer operates.
  - 3. Furnish 10 construction keys.
  - 4. Furnish 2 construction control keys.
- C. Key Cylinders: furnish utility patented, 6-pin solid brass construction.

- D. Cylinder cores: furnish keyed at factory of lock manufacturer where permanent records are maintained. Locks and cylinders same manufacturer.
- E. Permanent keys: use secured shipment direct from point of origination to Owner.
  - 1. For estimate: 3 keys per change combination, 5 master keys per group, 5 grand-master keys, 3 control keys.
  - 2. For estimate: VKC stamping plus "Do Not Duplicate".
- F. Bitting List: use secured shipment direct from point of origination to Owner upon completion.

### PART 3 - EXECUTION

#### 3.1 ACCEPTABLE INSTALLERS:

- A. Can read and understand manufacturers' templates, suppliers' hardware schedules and printed installation instructions. Can readily distinguish drywall screws from manufacturers' furnished fasteners. Available to meet with manufacturers' representatives and related trades to discuss installation of hardware.

#### 3.2 PREPARATION:

- A. Ensure that walls and frames are square and plumb before hardware installation. Make corrections before commencing hardware installation.
- B. Locate hardware per SDI-100 and applicable building, fire, life-safety, accessibility, and security codes.
  - 1. Notify Architect of code conflicts before ordering material.
  - 2. Locate levers, key cylinders, t-turn pieces, touchbars and other operable portions of latching hardware between 30 inches to 44 inches above the finished floor, per CBC Section 1133B.2.5.1.
  - 3. Where new hardware is to be installed near existing doors/hardware scheduled to remain, match locations of existing hardware.
- C. Overhead stops: before installing, determine proposed locations of furniture items, fixtures, and other items to be protected by the overhead stop's action.

### 3.3 INSTALLATION

- A. Install hardware per manufacturer's instructions and recommendations. Do not install surface-mounted items until finishes have been completed on substrate. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate for proper installation and operation. Remove and reinstall or replace work deemed defective by Architect.
  - 1. Gaskets: install jamb-applied gaskets before closers, overhead stops, rim strikes, etc; fasten hardware over and through these seals. Install sweeps across bottoms of doors before astragals, cope sweeps around bottom pivots, trim astragals to tops of sweeps.
  - 2. When hardware is to be attached to existing metal surface and insufficient reinforcement exists, use RivNuts, NutSerts or similar anchoring device for screws.
  - 3. Use manufacturers' fasteners furnished with hardware items, or submit Request for Substitution with Architect.
  - 4. Replace fasteners damaged by power-driven tools.
- B. Locate floor stops no more that 4 inches from walls and not within paths of travel. See paragraph 2.2 regarding hinge widths, door should be well clear of point of wall reveal. Point of door contact no closer to the hinge edge than half the door width. Where situation is questionable or difficult, contact Architect for direction.
- C. Core concrete for exterior door stop anchors. Set anchors in approved non-shrink grout.
- D. Locate overhead stops for minimum 90 degrees and maximum allowable degree of swing.
- E. Drill pilot holes for fasteners in wood doors and/or frames. Centerpunch hole locations before using self-drilling type screws to prevent skating. Replace screws that are not centered in their holes.
- F. Lubricate and adjust existing hardware scheduled to remain. Carefully remove and give to Owner items not scheduled for reuse.

### 3.4. ADJUSTING

- A. Adjust and check for proper operation and function. Replace units, which cannot be adjusted to operate freely and smoothly.
  - 1. Hardware damaged by improper installation or adjustment methods: repair or replace to Owner's satisfaction.
  - 2. Adjust doors to fully latch with no more than 1 pound of pressure.

3. Adjust delayed-action closers on fire-rated doors to fully close from fully-opened position in no more than 10 seconds.
  4. Adjust door closers per 1.9 this section.
- B. Inspection: Use hardware supplier's consultant or consultant's agent. Include supplier's report with closeout documents.
- C. Final inspection: Installer to provide letter to Owner that upon completion installer has visited the Project and has accomplished the following:
1. Re-adjust hardware.
  2. Evaluate maintenance procedures and recommend changes or additions, and instruct Owner's personnel.
  3. Identify items that have deteriorated or failed.
  4. Submit written report identifying problems

### 3.5 DEMONSTRATION:

- A. Demonstrate mechanical hardware and electrical, electronic and pneumatic hardware systems, including adjustment and maintenance procedures.

### 3.6 PROTECTION/CLEANING:

- A. Cover installed hardware, protect from paint, cleaning agents, weathering, carts/barrows, etc. Remove covering materials and clean hardware just prior to substantial completion.
- B. Clean adjacent wall, frame and door surfaces soiled from installation/reinstallation process.

### 3.7 SCHEDULE OF FINISH HARDWARE

A. See door schedule in drawings for hardware set assignments.

#### Changes Legend:

Change Typ	Font Style	Font Color
Add	<b>Bold</b>	Green
Change	<b><i>BoldItalic</i></b>	Blue
Delete	<b><del>StrikeOut</del></b>	Red

SPECWORKS # 109557-B778389L6

HW SET: 01 EXT A/G PH

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	PANIC HARDWARE	CD3547A-EO	626	VON
1	EA	PANIC HARDWARE	CD3547A-NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
2	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
2	EA	CORE ONLY	23-030	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
2	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
2	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
2	EA	OVERHEAD HOLDER	100H	630	GLY
2	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
2	EA	DOOR POSITION SWITCH	679-05		SCE

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.



HW SET: 01-AO EXT A/G PH, AUTO-OPERATOR

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	PANIC HARDWARE	CD3547A-EO	626	VON
1	EA	PANIC HARDWARE	CD3547A-NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
2	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
2	EA	CORE ONLY	23-030	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
2	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
1	EA	AUTO. OPERATOR	9563 RF REG2	628	LCN
2	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
2	EA	ACTUATOR	"INGRESS'R", 36"HT, BPS	628	WIK
2	EA	DOOR POSITION SWITCH	679-05		SCE

POWER / WIRING / CONDUIT COORDINATION REQUIRED.

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 02 EXT A/G PH, LOCAL ALARM

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	ALARMED PH	3547A-EO ALK	626	VON
1	EA	ALARMED PH	3547A-NL-OP ALK	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
2	EA	IC MORTISE CYL	20-061 ICX (ALARM)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
2	EA	CORE ONLY	23-030	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
2	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
2	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
2	EA	OVERHEAD HOLDER	100H	630	GLY
2	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
2	EA	DOOR POSITION SWITCH	679-05		SCE

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 03 EXT A/G DEADLOCK

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	SET	HEAD/THRESHOLD BOLT	4015 X 4085	603	ADA
1	EA	DEADLOCK	MS1850S 4089-02 4043-02	628	ADA
2	EA	IC MORTISE CYL	20-062-ICX	626	SCH
2	SET	ANTI-HOT PULL+BAR	L-N-7196 + 1741, BLK+630	SPL	TRI
2	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
2	EA	OVERHEAD HOLDER	100H	630	GLY
2	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
2	EA	DOOR POSITION SWITCH	679-05		SCE

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 03-AO EXT A/G DEADLOCK, AUTO-OPERATOR

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	SET	HEAD/THRESHOLD BOLT	4015 X 4085	603	ADA
1	EA	DEADLOCK	MS1850S 4089-02 4043-02	628	ADA
2	EA	IC MORTISE CYL	20-062-ICX	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
2	SET	ANTI-HOT PULL+BAR	L-N-7196 + 1741, BLK+630	SPL	TRI
1	EA	AUTO. OPERATOR	9563 RF REG2	628	LCN
2	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
2	EA	ACTUATOR	"INGRESS'R", 36"HT, BPS	628	WIK
2	EA	DOOR POSITION SWITCH	679-05		SCE

POWER / WIRING / CONDUIT COORDINATION REQUIRED.

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 04 EXT A/G PH, 90 DEG

1	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	PANIC HARDWARE	CD35A-NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
1	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
1	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
1	EA	SURFACE CLOSER	4021M H + 4020-18(G) AVB:ST2997	BRT	LCN
1	EA	FLOOR STOP	FS18S	BLK	IVE
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
1	EA	DOOR POSITION SWITCH	679-05		SCE

HEAD & JAMB SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 05 EXT HM PH, LOCAL ALARM, O.H.STOP

1	EA	CONTINUOUS HINGE	046HD	628	IVE
<b>1</b>	<b>EA</b>	<b>ALARMED PH</b>	<b>SD98NL ALK</b>	<b>626</b>	<b>VON</b>
1	EA	IC RIM CYL	20-057-ICX	626	SCH
1	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
<b>1</b>	<b>EA</b>	<b>SURFACE CLOSER</b>	<b>4111 AVB HEDA.</b>	<b>689</b>	<b>LCN</b>
1	EA	FLOOR STOP & HOLDER	FS42	626	IVE
<b>1</b>	<b>EA</b>	<b>TOP CAP</b>	<b>377V (OMIT IF DR TOP IS SEALED)</b>	<b>GRY</b>	<b>PEM</b>
<b>4</b>	<b>SET</b>	<b>SEAL</b>	<b>700U HEAD &amp; JAMBS</b>	<b>628</b>	<b>NGP</b>
<b>1</b>	<b>SET</b>	<b>PERIMETER SEALS</b>	<b>105 HEAD AND JAMBS</b>	<b>BLK</b>	<b>DHS</b>
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
1	EA	DOOR POSITION SWITCH	679-05		SCE

HW SET: 06 EXT A/G PH, CARD ACCESS, 90 DEG

1	EA	CONTINUOUS HINGE	224HD TW4	628	IVE
1	EA	ELECT PH	QEL35A-NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
1	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
1	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
1	EA	OVERHEAD HOLDER	100H	630	GLY
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
1	EA	POWER SUPPLY	PS873-2Q	GRY	VON
1	EA	DOOR POSITION SWITCH	679-05		SCE

HEAD & JAMB SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 07 EXT A/G SLIDING DR

1	EA	HOOKBOLT DEADLOCK	MS1851SW-050 4043-02 4089-02 4002	628	ADA
2	EA	IC MORTISE CYL	20-062-ICX	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	DOOR POSITION SWITCH	679-05		SCE

REMAINING REQUIRED HARDWARE PART OF ALUMINUM/GLASS FRAME + SLIDING DOOR PACKAGE.

HW SET: 08 EXT STAFF LOUNGE

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT CLSSRM LOCK	ND95TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	LOCK GUARD	1082-6	630	TRI
1	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
1	EA	OVERHEAD HOLDER	100H	630	GLY
1	SET	<b>PERIMETER SEALS</b>	<b>105 HEAD AND JAMBS</b>	<b>BLK</b>	<b>DHS</b>
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
1	EA	DOOR POSITION SWITCH	679-05		SCE

HW SET: 09 EXT STAFF ENTRY, CREDENTIALLED/KEYLESS

1	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	ACCESS CONTROL LK	CM5296-PX-17 LFS ATK	626	SCE
1	EA	LOCK GUARD	LG100	626	SBH
1	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
1	EA	FLOOR STOP	FS18S	BLK	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	AUX SEAL	5060C HEAD & JAMBS	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
1	EA	DOOR POSITION SWITCH	679-05		SCE

HW SET: 10 EXT KITCHEN ENTRY

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT CLSSRM LOCK	ND95TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	LOCK GUARD	1082-6	630	TRI
1	EA	SURFACE CLOSER	4111 AVB HEDA.	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	FLOOR STOP	FS18S	BLK	IVE
1	EA	TOP CAP	377V (OMIT IF DR TOP IS SEALED)	GRY	PEM
4	SET	SEAL	700U HEAD & JAMBS	628	NGP
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	VIEWER	U698 (A113-2 ONLY)	626	IVE

FLY-FAN AND ACTIVATION SWITCH IN ANOTHER SECTION.

HW SET: 11 EXT WAREHOUSE ENTRY

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT CLSSRM LOCK	ND95TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	CORE ONLY	23-030	626	SCH
1	EA	LOCK GUARD	1082-6	630	TRI
1	EA	<b>SURFACE CLOSER</b>	<b>4111 AVB EDA</b>	<b>689</b>	<b>LCN</b>
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	FLOOR STOP & HOLDER	FS42	626	IVE
1	EA	DRIP CAP	16 4"GDW (OMIT WHERE SHELTERED)	628	NGP
1	EA	<b>TOP CAP</b>	<b>377V (OMIT IF DR TOP IS SEALED)</b>	<b>GRY</b>	<b>PEM</b>
1	SET	<b>SEAL</b>	<b>700U HEAD &amp; JAMBS</b>	<b>628</b>	<b>NGP</b>
1	SET	<b>PERIMETER SEALS</b>	<b>105 HEAD AND JAMBS</b>	<b>BLK</b>	<b>DHS</b>
1	SET	<b>AUX SEAL</b>	<b>5060C HEAD &amp; JAMBS</b>	<b>BLK</b>	<b>NGP</b>
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	DOOR POSITION SWITCH	679-05		SCE

HW SET: 12 EXT SGL-OCC STAFF RR, OUTSWING

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT STAFF RR LK	L9496T 17A L583-363/XL11-885	630	SCH
1	EA	LOCK GUARD	LG100	626	SBH
1	EA	<b>SURFACE CLOSER</b>	<b>4111 HEDA.</b>	<b>689</b>	<b>LCN</b>
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	FLOOR STOP	FS18S	BLK	IVE
1	EA	<b>TOP CAP</b>	<b>377V (OMIT IF DR TOP IS SEALED)</b>	<b>GRY</b>	<b>PEM</b>
1	SET	<b>SEAL</b>	<b>700U HEAD &amp; JAMBS</b>	<b>628</b>	<b>NGP</b>
1	SET	<b>PERIMETER SEALS</b>	<b>105 HEAD AND JAMBS</b>	<b>BLK</b>	<b>DHS</b>
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 13 EXT SGL-OCC STAFF RR, INSWING

4	EA	HINGE	3CB1 4.5 X 4.0	630	IVE
1	EA	EXT STAFF RR LK	L9496T 17A L583-363/XL11-885	630	SCH
1	EA	SURFACE CLOSER	4011 H	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	EA	TOP CAP	377V (OMIT IF DR TOP IS SEALED)	GRY	PEM
4	SET	SEAL	<del>700U HEAD &amp; JAMBS</del>	628	NGP
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 14 EXT MULTI-OCC PUBLIC RR

		HINGES/PIVOTS	- PART OF GATE FABRICATOR PACKAGE -		
		PADLOCKABLE BOLT	- PART OF GATE FABRICATOR PACKAGE -		
1	EA	PADLOCK	KZ72F3200	651	SCH

OPERATION: STAFF WILL UNLOCK RESTROOM GATE AT BEGINNING OF DAY. AT DAY-END STAFF WILL INSPECT RR TO ENSURE IT IS VACANT BEFORE BOLTING CLOSED FOR THE DAY.  
RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 15 EXT ELECTL, INSWING

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT STORERM LOCK	ND96TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	HYDRAULIC CHECK	4011 H ST2687	689	LCN
1	EA	TOP CAP	377V (OMIT IF DR TOP IS SEALED)	GRY	PEM
4	SET	SEAL	<del>700U HEAD &amp; JAMBS</del>	628	NGP
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	AUX SEAL	<del>5060C HEAD &amp; JAMBS</del>	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 16 EXT MECH/FIRE-RISER

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT STORERM LOCK	ND96TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	LOCK GUARD	1082-6	630	TRI
1	EA	HYDRAULIC CHECK	4111 AVB SHCUSH ST2687	689	LCN
1	EA	TOP CAP	377V (OMIT IF DR TOP IS SEALED)	GRY	PEM
1	SET	SEAL	700U HEAD & JAMBS	628	NGP
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	SET	AUX SEAL	5060C HEAD & JAMBS	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 17 EXT MECH/STORAGE

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	EXT STORERM LOCK	ND96TD SPA	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	LOCK GUARD	1082-6	630	TRI
1	EA	SURFACE CLOSER	4111 AVB EDA	689	LCN
1	EA	FLOOR STOP & HOLDER	FS42	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 18 EXT ROLLUP

1	EA	CYLINDER OR PADLOCK	- IF REQUIRED -	626	SCH
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REMAINDER OF REQUIRED HARDWARE PART OF ROLLUP DOOR PACKAGE

HW SET: 19 INT A/G LOCKED DR

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	BRT	LCN
1	EA	DOMESTOP	FS436 / FS438	626	IVE



HW SET: 20 INT WD, LOCKED DR

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 21 INT SGL-OCC ADULT RR

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	PRIVACY SET	ND40S SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 22 INT SGL-OCC ADULT RR, LIMITED OUTSWING

3	EA	HINGE	3CB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY SET	ND40S SPA	626	SCH
1	EA	SURFACE CLOSER	4031 SHCUSH	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 23 INT CLOSET, IN- OR OUT-SWING

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	DOME STOP	FS436 / FS438	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 24 INT CLOSET, OUTSWING W/ PAH

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	DOOR HOLDER	PAH60	689	LCN
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 25 INT CLOSET, OUTSWING W/ PAH

6	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	FLUSH BOLT	FB258N - 18" (BTM)	626	IVE
1	EA	AUTO FLUSH BOLT	FB41T (TOP)	630	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	SMOOTH-FACE ASTRGL	158N	628	NGP
2	EA	DOOR HOLDER	PAH60	689	LCN
4	EA	SILENCER	SR64	GRY	IVE

HW SET: 26 INT UTILITY SPACE

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	STOREROOM LOCK	ND80TD SPA	626	SCH
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 27 INT BUSY DOOR, LOCK + CLOSER

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	BRT	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 28 INT WD, PANTRY

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 2" LDW (PUSH SIDE)	630	IVE
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 29 INT JANITOR/CUSTODIAL SPACE

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	STOREROOM LOCK	ND80TD SPA	626	SCH
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 2" LDW (PUSH SIDE)	630	IVE
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 30 INT A/G PUSH/PULL

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	SET	OFFSET DOOR PULL	8190-8-M, ANTI-MICROBE	630	IVE
1	EA	SURFACE CLOSER	4031 H	BRT	LCN
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE

HW SET: 31 INT GATE, SM CHILD TOILET

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	PUSH PLATE	8200 3" X 12", ANTI-MICROBE	630	IVE
1	EA	PULL PLATE	8302-6 3.5" X 15", ANTI-MICROBE	630	IVE
1	EA	GATE CLOSER	"DIREKT" BY DICTATOR	630	DIC
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 2" LDW (PUSH SIDE)	630	IVE
1	EA	GATE CAP	90U	630	SBH
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	EA	THRESHOLD	613 COMBO	719	NGP

HW SET: 32 INT GATE, ADULT/STAFF SPACE

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	GATE CLOSER	"DIREKT" BY DICTATOR	630	DIC
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 2" LDW (PUSH SIDE)	630	IVE
1	EA	GATE CAP	90U	630	SBH
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE

HW SET: 33 INT SGL-OCC CHILD RR

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	PRIVACY SET	ND40S SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	SET	SEALS	<del>5060C HEAD &amp; JAMBS</del>	BLK	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 34 INT TOP-HUNG SLIDING PARTITION: DIVIDER

1	SET	SLIDING DOOR HDW	HAWA JUNIOR 160/B, COMPLETE		HAF
2	EA	BYPASS SLDG DR LOCK	1787	626	MER
2	EA	IC MORTISE CYL	20-061-ICX	626	SCH
8	EA	FLUSH PULL	222	626	IVE
1	SET	SLIDNG DR BRUSH SEAL	- PER DETAIL: HEAD/MTG-STILE/SILL -	628	NGP

COMPLETE THREE-DOOR SYSTEM: TWO TRAVELING LEAFS AND ONE FIXED LEAF, PANELS COLLECT NORTH SIDE. SYSTEM INCLUDES TRACK, RUNNING GEAR, WALL BUMPERS, IN-TRACK STOPPERS, IN-FLOOR PLASTIC GUIDE TRACK, IN-DOOR GUIDE PIN.

HW SET: 35 INT TOP-HUNG SLIDING PARTITION: CLOSET

2	SET	SLDG DOOR HDW	HAWA JUNIOR 120/B, COMPLETE		HAF
4	EA	BYPASS SLDG DR LOCK	1787	626	MER
4	EA	IC MORTISE CYL	20-061-ICX	626	SCH
8	EA	FLUSH PULL	222	626	IVE

COMPLETE THREE-DOOR SYSTEM: TWO TRAVELING LEAFS AND ONE FIXED LEAF, PANELS COLLECT NORTH SIDE. SYSTEM INCLUDES TRACK, RUNNING GEAR, WALL BUMPERS, IN-TRACK STOPPERS, IN-FLOOR PLASTIC GUIDE TRACK, IN-DOOR GUIDE PIN.

HW SET: 36 INT A/G DEADLOCK

2	SET	PIVOT SET	7215	626	IVE
4	EA	PIVOT	7215 INT	626	IVE
1	SET	HEAD/THRESHOLD BOLT	4015 X 4085	603	ADA
1	EA	DEADLOCK	MS1850S 4089-02 4043-02	628	ADA
2	EA	IC MORTISE CYL	20-062-ICX	626	SCH
2	EA	PULL/PUSHBAR	9190-2-NO	630	IVE
2	EA	SURFACE CLOSER	4021M H + 4020-18(G)	BRT	LCN
1	SET	STOP+SEAL	105N HEAD & JAMBS	623	NGP
<del>4</del>	<del>EA</del>	<del>AUX MTG-STILE SL</del>	<del>5060C HEAD &amp; JAMBS</del>	<del>BLK</del>	<del>NGP</del>
1	EA	AUX MTG STILE SEAL SA		BLK	DHS
2	EA	AUX BTM SEAL	200N	628	NGP
2	EA	AUTO DR BOTTOM	220N	628	NGP
1	EA	ACOUSTIC SILL PLATE	814 JAMB-DEPTH MASTIC	719	NGP

MTG-STILE SEALS INTEGRAL PART OF STOREFRONT DOOR ASSEMBLY. HANG DOORS IN A CASED-OPENING TYPE FRAME AND USE THESE SOUND-REDUCING SEALS IN LIEU OF STANDARD BLADE STOP AND BULB SEAL.

HW SET: 37 INT PUBLIC RR

3	EA	HINGE	3CB1HW 4.5 X 4.5	652	IVE
1	EA	SAFETY DEADLOCK	B663T	626	SCH
1	EA	PUSH PLATE	8200 6" X 16", ANTI-MICROBE, CFDB	630	IVE
1	EA	PULL PLATE	8302-8EZ 4" X 16", ANTI-MICROBE, CFDB	630	IVE
1	EA	SURFACE CLOSER	4011 DEL H MC	BRT	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW	630	IVE
1	EA	WALL STOP	WS406 / WS407 CVX	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
<del>4</del>	<del>SET</del>	<del>SEALS</del>	<del>5060C HEAD &amp; JAMBS</del>	<del>BLK</del>	<del>NGP</del>
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

CUT PUSH & PULL PLATES TO ACCOMMODATE DEADLOCK. DEADLOCK INSIDE TURNPIECE RETRACTS ONLY, WILL NOT PROJECT THE BOLT. EXPECTATION IS THAT RR'S WILL ONLY BE LOCKED IF MAINTENANCE/REMODELING REQUIRED.  
RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 38 INT CM LOCK + ELECT STK "BUZZ-IN"

3	EA	HINGE	3CB1HW 4.5 X 4.5	652	IVE
1	EA	CORE ONLY	23-030	626	SCH
1	EA	ACCESS CONTROL LK	CM5296-PX-17 LFS ATK	626	SCE
1	EA	ELECTRIC STRIKE	6211 FSE EB 24VDC	630	VON
1	EA	SURFACE CLOSER	4111 HEDA	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	POWER SUPPLY	PS873	GRY	VON
2	EA	BUTTON MINI BOX	660-PB		SCE

AUTHORIZED CREDENTIAL HOLDER ACCESSES LOCK WITHOUT USING A KEY. RECEPTIONIST CAN ALSO REMOTELY MOMENTARILY UNLOCK THE DOOR TO ALLOW ACCESS FOR A WELCOMED GUEST.

HW SET: 39 BOARDROOM ENTRY

6	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	FLUSH BOLT	FB258N - 18" (BTM)	626	IVE
1	EA	AUTO FLUSH BOLT	FB41T (TOP)	630	IVE
1	EA	DUST PROOF STRIKE	DP1	626	IVE
1	EA	CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA	SMOOTH-FACE	158N	628	NGP
		ASTRGL			
2	EA	SURFACE CLOSER	4021M H + 4020-18(G)	BRT	LCN
2	EA	FLOOR STOP	FS441	626	IVE
1	SET	AUX SEAL	105 HEAD AND JAMBS	BLK	DHS
1	SET	STOP+SEAL	105N HEAD & JAMBS	623	NGP
4	SET	AUX SEAL	5060C HEAD & JAMBS	BLK	NGP
2	EA	AUX BTM SEAL	200N	628	NGP
2	EA	AUTO DR BOTTOM	220N	628	NGP
1	EA	ACOUSTIC SILL PLATE	814 JAMB-DEPTH MASTIC	719	NGP

NOTE: FURNISH A CASED-OPENING TYPE FRAME, SPECIFIED SEAL WILL FUNCTION AS STOP.

FASTEN SEAL OVER A BEAD OF SILICONE CAULK TO SEAL POSSIBLE GAP BETWEEN SEAL HOUSING AND REVEAL OF FRAME.

HW SET: 40 BOARDROOM ENTRY

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA	SURFACE CLOSER	4020T H MC + 4020T-18	BRT	LCN
1	EA	FLOOR STOP	FS441	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	SET	AUX SEAL	5060C HEAD & JAMBS	BLK	NGP
1	EA	AUX BTM SEAL	200N	628	NGP
1	EA	AUTO DR BOTTOM	220N	628	NGP
1	EA	ACOUSTIC SILL PLATE	814 JAMB-DEPTH MASTIC	719	NGP

HW SET: 41 FLAMMABLE STORAGE, PH

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	FIRE EXIT HARDWARE	22L-F	689	VON
1	EA	IC MORTISE CYL	20-061-ICX	626	SCH
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	DOMESTOP	FS436 / FS438	626	IVE
1	SET	FIRE+SMOKE SEAL	9550 HEAD & JAMBS	GRY	NGP
1	EA	DOOR SWEEP	200N	628	NGP
1	EA	SILL PLATE	818 3" 10MSA	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 42 INT SGL-OCC ADULT RR, LIMITED OUTSWING

3	EA	HINGE	3CB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY SET	ND40S SPA	626	SCH
1	EA	SURFACE CLOSER	4031 SHCUSH	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE
1	EA	COAT HOOK	572	626	IVE

RESTROOM WALL & DOOR SIGNAGE IN DIVISION 10.

HW SET: 43 BREAKROOM, NON-LOCKING

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	PASSAGE SET	ND10S SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 44 MAINT OFFICE

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	OFFICE LOCK	ND53TD SPA	626	SCH
1	EA	SURFACE CLOSER	4031 H	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436 / FS438	626	IVE
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
4	SET	SEALS	5060C HEAD & JAMBS	BLK	NGP
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	613 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 45 BOARDROOM ENTRY

3	EA	HINGE	3CB1 4.5 X 4.0	652	IVE
1	EA	CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA	SURFACE CLOSER	4020T H MC + 4020T-18	BRT	LCN
1	EA	FLOOR STOP	FS441	626	IVE
1	SET	AUX SEAL	105 HEAD AND JAMBS	BLK	DHS
1	SET	STOP+SEAL	105N HEAD & JAMBS	623	NGP
4	SET	AUX SEAL	5060C HEAD & JAMBS	BLK	NGP
1	EA	AUX BTM SEAL	200N	628	NGP
1	EA	AUTO DR BOTTOM	220N	628	NGP
1	EA	ACOUSTIC SILL PLATE	814 JAMB-DEPTH MASTIC	719	NGP

NOTE: FURNISH A CASED-OPENING TYPE FRAME, SPECIFIED SEAL WILL FUNCTION AS STOP.

FASTEN SEAL OVER A BEAD OF SILICONE CAULK TO SEAL POSSIBLE GAP BETWEEN SEAL HOUSING AND REVEAL OF FRAME.



HW SET: 46 EXT HM, HAZ MATL, PH

1	EA	CONTINUOUS HINGE	046HD	628	IVE
1	EA	FIRE EXIT HARDWARE	22L-F	689	VON
1	EA	IC MORTISE CYL	20-061-ICX	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	SURFACE CLOSER	4111 AVB EDA.	689	LCN
1	EA	KICKPLATE	8400 12" X 2" LDW	630	IVE
1	EA	FLOOR STOP	FS18S	BLK	IVE
1	EA	TOP CAP	377V (OMIT IF DR TOP IS SEALED)	GRY	PEM
1	SET	SEAL	700U HEAD & JAMBS	628	NGP
1	SET	PERIMETER SEALS	105 HEAD AND JAMBS	BLK	DHS
1	EA	DOOR SWEEP	200U S.S.SCREWS	628	NGP
1	EA	THRESHOLD	427 COMBO	719	NGP
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 47 INT A/G LIB LOBBY

2	EA	CONTINUOUS HINGE	224HD	628	IVE
1	EA	PANIC HARDWARE	CD3547A-EO	626	VON
1	EA	PANIC HARDWARE	CD3547A-NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
2	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	ARMOR COLLAR	VRPART.1002	630	IVE
2	EA	ANTI-HOT PULL	N-7196 BLK+630	SPL	TRI
2	EA	SURFACE CLOSER	4021M + 4020-18(G) AVB:ST2997	BRT	LCN
2	EA	OVERHEAD HOLDER	100H	630	GLY
1	EA	THRESHOLD	513 COMBO	719	NGP

HEAD/JAMB/MTG-STILE SEALS INTEGRAL PART OF STOREFRONT FRAME AND DOOR ASSEMBLY.

HW SET: 48 SITE GATE: P.H., SGL

2	EA	GATE HINGE	W500HD	600	BRK
1	EA	PANIC HARDWARE	CD98NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
1	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	DOOR PULL	VR910NL	630	IVE
1	EA	GATE CLOSER	"DIREKT" BY DICTATOR	630	DIC
1	EA	HI-RISE STOP/HOLDER	1257M / 1257R	626	TRI

HW SET: 49 SITE GATE: P.H. PAIR, SET-IN-GROUND MULLION

4	EA	GATE HINGE	W500HD	600	BRK
1	EA	REMOVEABLE MULLION	4954 4/154 10', CAPPED TO EXCLUDE RAIN	689	VON
1	EA	PANIC HARDWARE	CD98EO	626	VON
1	EA	PANIC HARDWARE	CD98NL-OP	626	VON
1	EA	IC RIM CYL	20-057-ICX	626	SCH
2	EA	IC MORTISE CYL	20-061-ICX XQ11-948 ICX (DOGGING)	626	SCH
1	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	PADLOCK	KZ72F3200	651	SCH
1	EA	DOOR PULL	VR910NL	630	IVE
2	EA	GATE CLOSER	"DIREKT" BY DICTATOR	630	DIC
2	EA	HI-RISE STOP/HOLDER	1257M / 1257R	626	TRI
1	EA	90-DEG HASP	855132	602	KRY

SET 36" TUBE-STEEL SOCKET INTO GROUND TO RECEIVE MULLION. SET TOP OF SOCKET 1/4" TO 1/2" ABOVE GROUND, SLOPE CONCRETE TO TOP OF SOCKET TO SHED WATER. FASTEN HASP TO GROUND AND MULLION FOR PADLOCKING IN PLACE. APPROX 48" OF MULLION WILL BE ABOVE GROUND -- PAINT IN FIELD A BRIGHT COLOR TO ENHANCE NOTICEABILITY WHEN BOTH LEAFS ARE OPENED.

MULLION READILY REMOVABLE AS NEEDED TO MOVE LARGE OBJECTS THROUGH THE OPENING.

HW SET: 50 SITE GATE: LOCKSET, SGL LEAF

2	EA	GATE HINGE	W500HD	600	BRK
1	EA	CMMNCTG LK	L9466T 17A	630	SCH
2	EA	PRIMUS CORE ONLY	20-740 (EXTERIOR)	626	SCH
1	EA	GATE CLOSER	"DIREKT" BY DICTATOR	630	DIC
1	EA	HI-RISE STOP/HOLDER	1257M / 1257R	626	TRI
1	EA	GATE BOX	K-BXMOR SERIES	600	KEE

HW SET: 51

2	EA	PADLOCK	KZ72F3200	651	SCH
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REMAINING GATE HARDWARE PART OF GATE FABRICATION PACKAGE.

HW SET: 52 SWINGING OR ROLLING GATE FOR VEHICLE ACCESS: PADLOCK ONLY THIS SECTION

1	EA	PADLOCK	KZ72F3200	651	SCH
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MAINTENANCE MATERIAL:

2	EA	OFFICE LOCK	ND53TD SPA	626	SCH
12	EA	CORE ONLY	23-030	626	SCH
<del>4</del>	<del>EA</del>	<del>SEAL</del>	<del>5060C [ROLL 204]</del>	<del>BLK</del>	<del>NGP</del>
1	EA	BINDER	CATALOG CUTS AND HARDWARE SCHEDULE FOR PROJECT		
1	SET	SPECIAL TOOLS	DRIVERS, WRENCHES, ETC		
1	EA	BINDER	INST/MAINT/ADJUSTMENT INFO EA ITEM		
1	EA	CREDENTIAL RDR PROX	CRP		SCE
30	EA	PROXCARD	S1326		SCE
30	EA	PROX KEYFOB	S1346		SCE
1	EA	CABLE AND INTERFACE	SXPR-CIP-HH		SCE

OWNER-FURNISHED COMPUTER REQUIREMENTS:

WINDOWS XP, 80MB MIN DISK SPACE. COMPUTER DOES NOT NEED TO BE A DEDICATED MACHINE USED FOR SECURITY ONLY.

END OF SECTION



LEED-NC

## LEED-NC Version 2.2 Registered Project Checklist

19-Oct-10

Project: Family Services Administration

Yes ? No

5		9		Sustainable Sites		14 Points	
Y		c	Prereq 1	Construction Activity Pollution Prevention		Required	
	1	d	Credit 1	Site Selection		1	
	1	d	Credit 2	Development Density & Community Connectivity		1	
	1	d	Credit 3	Brownfield Redevelopment		1	
1		d	Credit 4.1	Alternative Transportation, Public Transportation Access		1	
	1	d	Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms		1	
1		d	Credit 4.3	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles		1	
1		d	Credit 4.4	Alternative Transportation, Parking Capacity		1	
	1	c	Credit 5.1	Site Development, Protect or Restore Habitat		1	
	1	d	Credit 5.2	Site Development, Maximize Open Space		1	
1		d	Credit 6.1	Stormwater Design, Quantity Control		1	
	1	d	Credit 6.2	Stormwater Design, Quality Control		1	
1		c	Credit 7.1	Heat Island Effect, Non-Roof		1	
	1	d	Credit 7.2	Heat Island Effect, Roof		1	
	1	d	Credit 8	Light Pollution Reduction		1	

Yes ? No

2			1			2			Water Efficiency			5 Points		
			1			d	Credit 1.1	Water Efficient Landscaping, Reduce by 50%					1	
				1		d	Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation					1	
					1	d	Credit 2	Innovative Wastewater Technologies					1	
	1					d	Credit 3.1	Water Use Reduction, 20% Reduction					1	
	1					d	Credit 3.2	Water Use Reduction, 30% Reduction					1	

Yes ? No

2				1				4				Energy & Atmosphere				17 Points			
Y				c	Prereq 1	Fundamental Commissioning of the Building Energy Systems								Required					
Y				d	Prereq 2	Minimum Energy Performance								Required					
Y				d	Prereq 3	Fundamental Refrigerant Management								Required					
2				d	Credit 1	Optimize Energy Performance								1 to 10					
			1	d	Credit 2	On-Site Renewable Energy								1 to 3					
			1	c	Credit 3	Enhanced Commissioning								1					
			1	d	Credit 4	Enhanced Refrigerant Management								1					
		1		c	Credit 5	Measurement & Verification								1					
		1		c	Credit 6	Green Power								1					

continued...

Yes ? No

5	2	6	Materials & Resources					13 Points
Y			d	Prereq 1	Storage & Collection of Recyclables			Required
		1	c	Credit 1.1	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof			1
		1	c	Credit 1.2	Building Reuse, Maintain 100% of Existing Walls, Floors & Roof			1
		1	c	Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements			1
1			c	Credit 2.1	Construction Waste Management, Divert 50% from Disposal			1
1			c	Credit 2.2	Construction Waste Management, Divert 75% from Disposal			1
		1	c	Credit 3.1	Materials Reuse, 5%			1
		1	c	Credit 3.2	Materials Reuse,10%			1
1			c	Credit 4.1	Recycled Content, 10% (post-consumer + ½ pre-consumer)			1
	1		c	Credit 4.2	Recycled Content, 20% (post-consumer + ½ pre-consumer)			1
1			c	Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally			1
1			c	Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally			1
	1		c	Credit 6	Rapidly Renewable Materials			1
		1	c	Credit 7	Certified Wood			1

Yes ? No

11		4		Indoor Environmental Quality		15 Points	
Y				d	Prereq 1	Minimum IAQ Performance	Required
Y				d	Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
1				d	Credit 1	Outdoor Air Delivery Monitoring	1
	1			d	Credit 2	Increased Ventilation	1
1				c	Credit 3.1	Construction IAQ Management Plan, During Construction	1
1				c	Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1
1				c	Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1
1				c	Credit 4.2	Low-Emitting Materials, Paints & Coatings	1
1				c	Credit 4.3	Low-Emitting Materials, Carpet Systems	1
1				c	Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products	1
	1			d	Credit 5	Indoor Chemical & Pollutant Source Control	1
1				d	Credit 6.1	Controllability of Systems, Lighting	1
1				d	Credit 6.2	Controllability of Systems, Thermal Comfort	1
1				d	Credit 7.1	Thermal Comfort, Design	1
1				d	Credit 7.2	Thermal Comfort, Verification	1

	1		d	Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1
	1		d	Credit 8.2	Daylight & Views, Views for 90% of Spaces	1

Yes ? No

2					<b>Innovation &amp; Design Process</b>	5 Points
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1			d	Credit 1.1	Innovation in Design: Education Outreach	1
1			d	Credit 1.2	Innovation in Design: Green Housekeeping	1
			d	Credit 1.3	Innovation in Design: Provide Specific Title	1
			d	Credit 1.4	Innovation in Design: Provide Specific Title	1
			c	Credit 2	LEED® Accredited Professional	1

Yes ? No

27	17	12			<b>Project Totals (pre-certification estimates)</b>	69 Points
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Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-69 points

#### Key Codes

A= Architect Cx= Commissioning Authority  
O= Owner M= Mechanical  
C= Contractor E= Electrical



LEED-NC

# LEED-NC Version 2.2 Registered Project Checklist

October 19 2010

Project: Cabazon Library

Yes ? No

5	9	14 Points
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Y	C	Prereq 1	Construction Activity Pollution Prevention	Required
	<b>d</b>	Credit 1	Site Selection	1
	<b>d</b>	Credit 2	Development Density & Community Connectivity	1
	<b>d</b>	Credit 3	Brownfield Redevelopment	1
	<b>d</b>	Credit 4.1	Alternative Transportation, Public Transportation Access	1
	<b>d</b>	Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1
	<b>d</b>	Credit 4.3	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles	1
	<b>d</b>	Credit 4.4	Alternative Transportation, Parking Capacity	1
	<b>c</b>	Credit 5.1	Site Development, Protect of Restore Habitat	1
	<b>d</b>	Credit 5.2	Site Development, Maximize Open Space	1
	<b>d</b>	Credit 6.1	Stormwater Design, Quantity Control	1
	<b>d</b>	Credit 6.2	Stormwater Design, Quality Control	1
	<b>c</b>	Credit 7.1	Heat Island Effect, Non-Roof	1
	<b>d</b>	Credit 7.2	Heat Island Effect, Roof	1
	<b>d</b>	Credit 8	Light Pollution Reduction	1

Yes ? No

2	1	2	5 Points
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	<b>d</b>	Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
	<b>d</b>	Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
	<b>d</b>	Credit 2	Innovative Wastewater Technologies	1
	<b>d</b>	Credit 3.1	Water Use Reduction, 20% Reduction	1
	<b>d</b>	Credit 3.2	Water Use Reduction, 30% Reduction	1

Yes ? No

2	1	4	17 Points
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Y	C	Prereq 1	Fundamental Commissioning of the Building Energy Systems	Required
	<b>d</b>	Prereq 2	Minimum Energy Performance	Required
	<b>d</b>	Prereq 3	Fundamental Refrigerant Management	Required
	<b>d</b>	Credit 1	Optimize Energy Performance	1 to 10
	<b>d</b>	Credit 2	On-Site Renewable Energy	1 to 3
	<b>c</b>	Credit 3	Enhanced Commissioning	1
	<b>d</b>	Credit 4	Enhanced Refrigerant Management	1
	<b>c</b>	Credit 5	Measurement & Verification	1
	<b>c</b>	Credit 6	Green Power	1

continued...

Yes ? No

5	2	6	Materials & Resources		13 Points
Y			d	Prereq 1	Required
			c	Credit 1.1	Required
			c	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof	1

	1	C	Credit 1.2	Building Reuse, Maintain 100% of Existing Walls, Floors & Roof	1
	1	C	Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements	1
1		C	Credit 2.1	Construction Waste Management, Divert 50% from Disposal	1
1		C	Credit 2.2	Construction Waste Management, Divert 75% from Disposal	1
	1	C	Credit 3.1	Materials Reuse, 5%	1
	1	C	Credit 3.2	Materials Reuse, 10%	1
1		C	Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 pre-consumer)	1
1		C	Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer)	1
1		C	Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally	1
1		C	Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally	1
	1	C	Credit 6	Rapidly Renewable Materials	1
	1	C	Credit 7	Certified Wood	1

Yes ? No

11	4			Indoor Environmental Quality	15 Points
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Y	d	Prereq 1	Minimum IAQ Performance	Required
Y	d	Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
1	d	Credit 1	Outdoor Air Delivery Monitoring	1
	1	d	Increased Ventilation	1
1	c	Credit 3.1	Construction IAQ Management Plan, During Construction	1
1	c	Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1
1	c	Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1
1	c	Credit 4.2	Low-Emitting Materials, Paints & Coatings	1
1	c	Credit 4.3	Low-Emitting Materials, Carpet Systems	1
1	c	Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products	1
	1	d	Indoor Chemical & Pollutant Source Control	1
1	d	Credit 6.1	Controllability of Systems, Lighting	1
1	d	Credit 6.2	Controllability of Systems, Thermal Comfort	1
1	d	Credit 7.1	Thermal Comfort, Design	1
1	d	Credit 7.2	Thermal Comfort, Verification	1
	1	d	Daylight & Views, Daylight 75% of Spaces	1
	1	d	Daylight & Views, Views for 90% of Spaces	1

Yes ? No

2				Innovation & Design Process	5 Points
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1		d	Credit 1.1	Innovation in Design: Education Outreach	1
1		d	Credit 1.2	Innovation in Design: Green Housekeeping	1
		d	Credit 1.3	Innovation in Design: Provide Specific Title	1
		d	Credit 1.4	Innovation in Design: Provide Specific Title	1
		C	Credit 2	LEED® Accredited Professional	1

Yes ? No

27	17	12		Project Totals (pre-certification estimates)	69 Points
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Certified 26-32 points Silver 33-35 points Gold 39-51 points Platinum 52-69 points

#### Key Codes

A= Architect

Cx= Commissioning Authority

O= Owner

M= Mechanical

C= Contractor

E= Electrical



LEED-NC

# LEED-NC Version 2.2 Registered Project Checklist

19-Oct-10

Project: Cabazon Water District Building

Yes ? No

5	9	14 Points
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Sustainable Sites		14 Points	
Y	C	Prereq 1	Required
	d	Site Selection	1
	d	Development Density & Community Connectivity	1
	d	Brownfield Redevelopment	1
1	d	Alternative Transportation, Public Transportation Access	1
	d	Alternative Transportation, Bicycle Storage & Changing Rooms	1
1	d	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles	1
1	d	Alternative Transportation, Parking Capacity	1
	c	Site Development, Protect or Restore Habitat	1
	d	Site Development, Maximize Open Space	1
1	d	Stormwater Design, Quantity Control	1
	d	Stormwater Design, Quality Control	1
1	c	Heat Island Effect, Non-Roof	1
	d	Heat Island Effect, Roof	1
	d	Light Pollution Reduction	1

Yes ? No

2	1	2	5 Points
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	d	Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
	d	Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
	d	Credit 2	Innovative Wastewater Technologies	1
1	d	Credit 3.1	Water Use Reduction, 20% Reduction	1
1	d	Credit 3.2	Water Use Reduction, 30% Reduction	1

Yes ? No

2	1	4	17 Points
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Y	C	Prereq 1	Fundamental Commissioning of the Building Energy Systems	Required
Y	d	Prereq 2	Minimum Energy Performance	Required
Y	d	Prereq 3	Fundamental Refrigerant Management	Required
2	d	Credit 1	Optimize Energy Performance	1 to 10
	d	Credit 2	On-Site Renewable Energy	1 to 3
	c	Credit 3	Enhanced Commissioning	1
	d	Credit 4	Enhanced Refrigerant Management	1
1	c	Credit 5	Measurement & Verification	1
	c	Credit 6	Green Power	1

continued...

Yes ? No

5	2	6	Materials & Resources		13 Points
Y			d	Prereq 1	
			c	Credit 1.1	
				Building Reuse. Maintain 75% of Existing Walls, Floors & Roof	
					Required 1



	1	c	Credit 1.2	Building Reuse, Maintain 100% of Existing Walls, Floors & Roof	1
	1	c	Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements	1
1		c	Credit 2.1	Construction Waste Management, Divert 50% from Disposal	1
1		c	Credit 2.2	Construction Waste Management, Divert 75% from Disposal	1
	1	c	Credit 3.1	Materials Reuse, 5%	1
	1	c	Credit 3.2	Materials Reuse, 10%	1
1		c	Credit 4.1	Recycled Content, 10% (post-consumer + ½ pre-consumer)	1
	1	c	Credit 4.2	Recycled Content, 20% (post-consumer + ½ pre-consumer)	1
1		c	Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally	1
1		c	Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally	1
	1	c	Credit 6	Rapidly Renewable Materials	1
	1	c	Credit 7	Certified Wood	1

Yes ? No

1	1	4	Indoor Environmental Quality	15 Points
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Y	d	Prereq 1	Minimum IAQ Performance	Required
Y	d	Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
1		d	Credit 1	Outdoor Air Delivery Monitoring
	1	d	Credit 2	Increased Ventilation
1		c	Credit 3.1	Construction IAQ Management Plan, During Construction
1		c	Credit 3.2	Construction IAQ Management Plan, Before Occupancy
1		c	Credit 4.1	Low-Emitting Materials, Adhesives & Sealants
1		c	Credit 4.2	Low-Emitting Materials, Paints & Coatings
1		c	Credit 4.3	Low-Emitting Materials, Carpet Systems
1		c	Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products
	1	d	Credit 5	Indoor Chemical & Pollutant Source Control
1		d	Credit 6.1	Controllability of Systems, Lighting
1		d	Credit 6.2	Controllability of Systems, Thermal Comfort
1		d	Credit 7.1	Thermal Comfort, Design
1		d	Credit 7.2	Thermal Comfort, Verification
	1	d	Credit 8.1	Daylight & Views, Daylight 75% of Spaces
	1	d	Credit 8.2	Daylight & Views, Views for 90% of Spaces

Yes ? No

2	Innovation & Design Process	5 Points
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1		d	Credit 1.1	Innovation in Design: Education Outreach	1
1		d	Credit 1.2	Innovation in Design: Green Housekeeping	1
		d	Credit 1.3	Innovation in Design: Provide Specific Title	1
		d	Credit 1.4	Innovation in Design: Provide Specific Title	1
		c	Credit 2	LEED® Accredited Professional	1

Yes ? No

27	17	12	Project Totals (pre-certification estimates)	69 Points
----	----	----	--	-----------

Certified 26-32 points Silver 33-39 points Gold 39-51 points Platinum 52-69 points

#### Key Codes

A= Architect  
O= Owner  
C= Contractor

Cx= Commissioning Authority  
M= Mechanical  
E= Electrical

<Project Name>

**\*\*This form is required with each material submittal. Failure to complete and include this form will result in a return/reject of the submittal\*\***

Date:

Project:

Item:

Specifications Section:

Submittal Number:

Subcontractor/Vendor:

Description of Material / Product:

**Sustainable Design Submittal Processing Sheet**  
**LEED Submittal Processing Sheet**  
**Appendix A**

1. Dollar value of Material Only (see Note 1)		\$
2a. Location of Material Processing or Manufacturing Plant (see Note 2)		
City	State	miles
2b. Location of material extraction point (see Note 2)		
City	State	miles
3. Percentage of recycled content in material		
a. % post-consumer		%
b. % pre-consumer (post-industrial)		%
4. Certified Wood - attach FSC certification & receipt verifying certification number.		
certification # attached	yes	no
receipt attached	yes	no
5. Additional Relevant Information - VOC g/l		
material / product:		g/l
material / product:		g/l
material / product:		g/l
6. Source of Information (MSDS, product data, letter from manufacturer, etc):		
7. Confirm No Added Urea Formaldehyde		
composite wood	confirmed	not confirmed
agrifiber	confirmed	not confirmed

**Note 1.** Dollar Value of Material to Exclude Labor Costs, all Mechanical and Electrical Material, Labor Costs and Project Overhead and Fees.

**Note 2.** Use this distance calculator to determine air mile distances: [http://www.airtimetable.com/Air\\_mile\\_calculator.htm](http://www.airtimetable.com/Air_mile_calculator.htm)

## Appendix B

### Project:

<b>Reviewed By:</b>	
<b>Date Reviewed:</b>	
<b>Submittal Number:</b>	
<b>Specifications Section:</b>	
<b>Subcontractor/Vendor:</b>	
<b>Material Description:</b>	

	<b>Action A:</b>
	Fabrication, manufacture or construction complies with LEED credit requirements as defined in the Construction Documents and Specifications.
	<b>Action B:</b>
	Fabrication, manufacture or construction will comply with LEED credit requirements as defined in the Construction Documents and Specifications if Contractor complies with notations and makes revisions or provide additional information as noted below. Resubmit documentation.
	<b>Action C:</b>
	Submittal does not comply with LEED requirements as defined by the Construction Documents and Specifications. Make revisions and resubmit.
	<b>For Information Only:</b>
	"Reviewed For Information Only". Submittal is not required for LEED credit documentation.

[illegible]

Project Name:  
Project #:  
Date:

### Erosion and Sedimentation Control Checklist California Stormwater BMP Handbook

SUMMARY		
1		Fiber rolls are in good condition; minor adjustments should be made to NE building perimeter.
2		Street sweeping appeared to be on track.
3		Storm drainage inlets were covered and well maintained.
4		Site entrances had gravel but the gravel need to be reapplied prevented soil from leaving the site.
5		Sandbags are in good condition; sandbags should be replaced were broken near the SE Corner.
GENERAL NOTES		
1		Each item below is part of ESC management plan which reflects the California Stormwater BMPs Guidelines referenced by LEED. Construction strategies shall be in place to meet the guidelines. Comments reflect observed construction practices on the date listed above.
2		Check marks are placed on each item that is reviewed as part of this report.
3		Photos include good construction IAQ practices and areas that may require special attention to meet the Construction IAQ Management Plan.
TEMPORARY SEDIMENT CONTROL BMPs		
	SE-5	<b>SE-5 Fiber Rolls</b>
	SE-7	<b>SE-7 Street Sweeping and Vacuuming</b>
	SE-8	<b>SE-8 Sandbag Barrier</b>
	SE-10	<b>SE-10 Storm Drain Inlet Protection</b>
TEMPORARY TRACKING CONTROL BMPs		
	TR-1	<b>TR-1 Stabilized Construction Entrance/Exit</b>

**Project Name:**  
**Project #:**  
**Date:**

**Checklist of SMACNA Guidelines  
Project Construction Indoor Air Quality (IAQ) Management Plan**

<b>SUMMARY</b>		
1		Mechanical equipment was well maintained; Continue to monitor ductwork and chiller maintenance.
2		Holes in the tarps covering the chiller need to be closed or covered with new plastic.
3		Housekeeping efforts were on track and site maintenance was in good condition.
4		Insulation and/or other porous materials should be covered at all times.
<b>GENERAL NOTES</b>		
	1	Each item below is part of IAQ management plan which reflects the SMACNA Guidelines referenced by LEED. Construction strategies shall be in place to meet the guidelines. Comments reflect observed construction practices on the date listed above.
	2	Check marks are placed on each item that is reviewed as part of this report.
	3	Photos include good construction IAQ practices and areas that may require special attention to meet the Construction IAQ Management Plan.
<b>HVAC PROTECTION</b>		
		Seal all return system/mechanical equipment openings with plastic – Notes:
	HP-1	
		Clear the mechanical room of any stored construction or waste materials – Notes:
	HP-2	

		Repair duct and air handler leaks immediately – Notes:
	HP-3	
		Place ceiling tiles before removing protective plastic from HVAC returns – Notes:
	HP-4	
		Seal diffusers with plastic – Notes:
	HP-5	
		Seal window units with plastic – Notes:
	6	
SOURCE CONTROL		
		Use portable fans to ventilate areas during carpet installation – Notes:
	SC-1	
		Prohibit vehicles from idling near any project openings – Notes:
	SC-2	
		Use a portable fan to vent dust, odors, and dirt to the outdoors – Notes:
	SC-3	

		Use an enclosed tanker rather than an open kettle for roofing – Notes:
	SC-4	
		Keep all containers of wet products covered as much as possible (paint, adhesives, etc) – Notes:
	SC-5	
		Cover and seal waste materials that release odors – Notes:
	SC-6	
		Seal any surfaces with persistent odors – Notes:
	SC-7	
PATHWAY INTERRUPTION		
		Do not exhaust dust, odors or dirt where it can be drawn back into the building – Notes:
	PI-1	
		Erect a dust curtain to keep dust from migrating to the surrounding occupied buildings – Notes:
	PI-2	
		Relocate equipment and staging areas out of site air flow – Notes:
	PI-3	

		Locate off gassing roofing materials away from air intakes – Notes:
	PI-4	
		Seal building openings from outside dust, odors and dirt – Notes:
	PI-5	N/A
<b>HOUSEKEEPING</b>		
		Daily use wetting agent or sweeping compounds to keep site dust controlled and clean away dust regularly. Use damp rag, wet mop or high efficiency vacuum on high dust area.
	HK-1	
		Immediately clean and remove excess solvent-containing products – Notes:
	HK-2	
		Protect all ceiling tiles from moisture – Notes:
	HK-3	
		Protect all carpeting, carpet tiles from moisture – Notes:
	HK-4	
		Protect all other porous finish materials from moisture – Notes:
	HK-5	





PROJECT MGMT OFFICE  
2011 MAR -7 PM 1:26

## Cabazon Civic Center – Bid Addendum #2

Date: March 4, 2011

Bid Date: **March 24, 2011** – 2PM **(Please note new Bid Date)**

Bid Location: Office of the Clerk of the Board of Supervisors  
Riverside County Administrative Center  
4080 Lemon Street  
Riverside, CA 92501

Please indicate receipt of this addendum as required on “Contractor’s Proposal.” Failure to do so may cause disqualification of your bid.

CONTENTS OF ADDENDUM #2 TO THE CONTRACT DOCUMENTS PREPARED BY  
HARLEY ELLIS DEVEREAUX, DATED 1/1/2011

The following changes, additions, and deletions shall be made to the following documents; all other conditions shall remain the same:

### **I. Responses to questions from the Pre-Bid Job Walk, 2/10/11, at the Project Site (Cabazon Community Center)**

***Q: Is the prevailing wage determination 2011-1?***

***A: ~~Since the award of the contract will occur in April or May, yes 2011-1 should be used.~~***

***A: 2010-2 should be used.***

### **II. Project Manual, including Specifications**

1. Volume 1 – Procurement Requirements and Contracting Requirements: the Contractor’s Proposal is to include a completed “Contractor’s Schedule of Values.” This form is attached to Addendum #1: **this form must be submitted by the apparent low bidder within 48 hours of notification by EDA.**
2. Volume 1 – Procurement Requirements and Contracting Requirements: the Contractor’s Proposal is to include a completed copy of the “Bid and Quantity List” for utility work. This form is attached to Addendum #1: **this form must be submitted by the apparent low bidder within 48 hours of notification by EDA.**

3. Volume 1 – Procurement Requirements and Contracting Requirements: Submittals Due at Bid: replace this page with Attachment #3 to this Addendum #2.
4. Volume 1 – Agency General Conditions; Article 15 “Environmental Protection:” add Article 15.3.2: Qualified SWPPP Practitioner: The contractor shall ensure that all BMPs required by the General Construction Storm Water Permit are implemented by a Qualified SWPPP Practitioner (QSP). A QSP is a person responsible for non-storm water and storm water visual observations, sampling and analysis. Effective two years from the date of adoption of the General Permit, a QSP shall be either a QSD or have one of the following certifications:

- a. A certified erosion, sediment and storm water inspector registered through Enviro Cert International, Inc.; or

- b. A certified inspector of sediment and erosion control registered through Certified Inspector of Sediment and Erosion Control, Inc.

Effective two years after the adoption date of the General Permit, a QSP shall have attended a State Water Board-sponsored or approved QSP training course.

5. Volume 1 – Section 01500 “Temporary Facilities and Controls:” paragraph 1.4.B – should read as follows: “Erosion and Sedimentation Control Plan - show compliance with Contract Erosion Control Plan (CM1.102) and Storm Water Pollution Prevention Plan.”
6. Volume 2 - Section 13 31 23 “Pre-Engineered Tension Fabric Structures.” See Attachment 2 to this Addendum #2.

### **III. Drawings**

1. Site Package: Enlarged Site Plan - Sheet AS-02: change Shade Structure Model Reference to Model#418-3030J4040-6U2S-11/19E.

### **IV. Revisions to Project Scope**

1. Site Package: Overall Site Plan - Sheet AS-01: provide cost for 450 linear feet of 6’-0” high chain link fence, per Specifications, Section 02831, with concrete mow strip per Detail C/L-7 (provide strip on both sides of fence). Fence will be installed in a quarter circle around the south and east sides of the existing baseball field.

### **V. Responses to Pre-Bid Requests for Information**

1. Additional RFI’s will be accepted until 5PM on Monday, March 14, 2011. Any RFI’s previously sent and not listed below were received after 5PM on Monday, February 28, 2011, and must be re-submitted to be reviewed.
2. RFI’s will only be accepted on the form specified, from bidders qualified by their attendance at the mandatory Bid Walk held 2/10/11. Please note that, with the exception of the Skate Park, substitutions are not reviewed during Bid. RFI’s or other requests for substitutions will not be reviewed. Telephone inquiries are not permitted.
3. A final Addendum #3 will be issued prior to 2PM on Monday, March 21.

4. RFI A: answered in Addendum #1.
5. RFI B: answered in Addendum #1.
6. RFI C: answered in Addendum #1.
7. RFI D: Contractors, providers, and installers must be pre-qualified by the County of Riverside; list of those pre-qualified is available from the County of Riverside.
8. RFI E: see answers on attached copy of this RFI.
9. RFI F: answered in Addendum #1.
10. RFI G: 2/AC – 01D (shaft at Maintenance Building).
11. RFI H: this is a substitution request; no response.
12. RFI I: see answers on attached copy of this RFI.
13. RFI J: Question 1 – Yes. Question 2 – 5’-0” outside the building perimeter.
14. RFI K: the project duration is 450 calendar days.
15. RFI L: this is a substitution request; no response.
16. RFI M: see response to RFI J.
17. RFI N: see Ceiling Type CL-2 on the finish schedule.
18. RFI O: see answer on attached copy of this RFI
19. RFI P: see answers and sketches on attached copy of this RFI.
20. RFI Q: note 21C is changed to 22C: “Construct “8” PVC SD (SDR 35) – see attached sketch for confirmation.
21. RFI R: this is not an RFI; no response.

## **VI. Attachments**

1. A copy of RFI’s A thru R, with responses.
2. Specifications Section 13 31 23 “Pre-Engineered Tension Fabric Structures.”
3. Submittals Due at Bid (Revised – Addendum #2)

END OF ADDENDUM #2

**SECTION 13 31 23**  
**PRE-ENGINEERED TENSION FABRIC STRUCTURES**

**PART 1 – GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General Conditions and Division 1 Specification Sections, apply to this section.

**1.2 SUMMARY**

- A. A single CA licensed shade contractor shall be responsible for the design, engineering, fabrication, supply and installation of the work specified herein including foundations. The intent of this specification is to have only one shade contractor be solely responsible for the above functions as a design-build project.

**1.3 SUBMITTALS**

**1.3.1 With Bid Submittals:**

- A. Provide proof of installed reference sites with structures for similar scope of project and installation that are engineered to CBC specifications. Include in reference list structures meeting the following size and criteria with install dates and project locations: 60'x60' 4 posted hip; 60' hexagon; 40'x40' multilevel, multilayer compression tension fabric structure, 18'x27' flat truss cantilever with 18' projection; and 40'x40' 4 point hypar sail structures.
- B. Provide a minimum of 7 fabric samples to demonstrate fabric color range and powder coat color selections. Also provide letter of authorization from fabric manufacture for use of fabric.
- C. Provide proof of all quality assurance items including;
  - 1. A list of at least 3 reference projects that have been installed a minimum of 8 years.
  - 2. Proof of General liability, Professional liability and umbrella insurance as per section 1.4 B
  - 3. Proof of current CA contractor's license.
  - 4. Proof of \$6,000,000 bonding capacity.
  - 5. Proof of IAS (International Accreditation Service) certification as per section 1.4 D
  - 6. Proof of a Corporate Safety Program along with an Injury & Illness Prevention Program.
  - 7. Proof of an Annual Maintenance Inspection Program
  - 8. Proof of a Local Office within 150 miles of the Project Site

**1.3.2 Award of Contract Submittals:**

- A. Provide wet sealed structural engineering drawings and calculations.
- B. Provide fabric samples and powder coat colors for final order selection.

#### 1.4 QUALITY ASSURANCE

- A. All shade contractors shall have at least 12 years experience in the design, engineering, manufacture, and installation of structures, engineered to California Building Code requirements with similar scope and a successful construction record of in-service performance and a local corporate office within 150 miles of project site.
- B. All shade contractors shall be able to provide proof with bid submittal of a minimum of \$1,000,000 general/public liability insurance, \$3,000,000 professional liability (PL) insurance and additional \$5,000,000 umbrella/excess liability insurance.
- C. All shade contractors shall be a licensed contractor in the state of California and shall be bonded and provide proof of a minimum bonding capacity of \$6,000,000 with bid.
- D. Manufacture shall be accredited by the IAS (International Accreditation Service) for Structural Steel Fabrication under UBC 97 & 2000 Section 1701.7 and IBC 2000 Section 1704.2.2

#### 1.5 PROJECT CONDITIONS

- A. Field Measurements: Verify layout information for shade structures shown on the Drawings in relation to the property survey and existing structures, and verify locations by field measurements prior to construction.

#### 1.6 WARRANTY

- 1. The successful bidder shall provide a 12 month warranty on all labor and materials.
- 2. A supplemental warranty from the manufacturer shall be provided for a period of 5 years on fabric and 10 years on the structural integrity of the steel from date of substantial completion.
- 3. The warranty shall not deprive the Owner of other rights the Owner may have under the provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

### PART 2 – PRODUCTS

#### 2.1 GENERAL

- A. The shade structures shall be noted per the details and drawings per the architect. The structures shall be manufactured by USA SHADE & FABRIC STRUCTURES, Inc., or approved equal and include engineering drawings and calculations, patterning and fabrication of architectural membrane, structural steel frame, architectural hdpe membrane roof, steel cables, all fasteners, and installation of structure(s) including foundations.
- B. Contact USA SHADE & FABRIC STRUCTURES, Inc., 350 Kalmus Dr, Costa Mesa CA 92626 Tel: (714) 427-6981 Fax: (714) 427-6982 Contact: Patti Abrecht
- C. To qualify as an approved equal, please submit product documentation, fabric samples and quality assurance criteria as per section 1.4 at least 3 days prior to bid date to be considered.

- D. The shade structure shall conform to the current adopted version of the California Building Code 2007 including local agency amendments and additions to the code.
- E. All shade structures are engineered and designed to meet a minimum of 90 mph wind load, Exposure C and seismic (earthquake) load based on Zone 4. All shade structures shall be engineered with a zero wind pass through on the fabric.
- F. Steel:
1. All steel members of the shade structure shall be designed in strict accordance with the requirements of the "American Institute of Steel Construction" (AISC) Specifications and the "American Iron and Steel Institute" (AISI) Specifications for Cold Formed Members and manufactured in an (IAS) accredited facility.
  2. All connections shall have a maximum internal sleeving tolerance of .0625 inches using high tensile strength steel sections with a minimum sleeve length of 6 inches.
  3. All non-hollow structural steel members shall comply to ASTM A-36. All hollow structural steel members shall be cold formed, high strength steel and comply with ASTM A-500, Grade C. All steel plates shall comply to ASTM A-572, Grade 50. All galvanized steel tubing shall be triple coated for rust protection using an in-line electro-plating coat process. All galvanized steel tubing shall be internally coated with zinc and organic coatings to prevent corrosion.
- G. Bolts:
1. All structural field connections of the shade structure shall be designed and made with high strength bolted connections using ASTM A-354, Grade B or SAE J249, Grade 8.
  2. All stainless steel bolts shall comply with ASTM F-593, Alloy Group 1 or 2. All bolt fittings shall include rubber washer for water tight seal at joints. All nuts shall comply with ASTM F-594, Alloy Group 1 or 2.
- H. Welding:
1. All shop welded connections of the shade structure shall be designed and performed in strict accordance with the requirements of the "American Welding Society" (AWS) Specifications. Structural welds shall be made in compliance with the requirements of the "Prequalified" welded joints where applicable and by certified welders. No onsite or field welding shall be permitted.
  2. All full penetration welds shall be continuously inspected by an independent inspection agency and shall be tested to the requirement of 2007 CBC.
- I. Powder coating:
1. Galvanized steel tubing preparation prior to powder coating shall be executed in accordance to solvent cleaning SSPC-SP1. Solvent such as water, mineral spirits, xylol, toluol, which are to be used to remove foreign matter from the surface. A mechanical method prior to solvent cleaning prior to surface preparation shall be executed according to Power Tool Cleaning SSPC-SP3 and utilizing wire brushes abrasive wheels and needle gun, etc.
  2. Carbon structural steel tubing preparation prior to powder coating shall be executed in accordance to commercial blast cleaning SSPC-SP6 or NACE #3. A commercial

blast cleaned surface, when viewed with out magnification, shall be free of all visible oil, grease, dirt, mill scale, rust, coating, oxides, corrosion, products and other foreign material.

3. Powder coating shall be sufficiently applied, with a minimum 3 mils thickness and cured at the recommended temperature to provide proper adhesion and stability to meet salt spray and adhesion tests as defined by the American Society of Testing Materials.
  4. Powder used in the powder coat process shall have the following characteristics:
    - a. Specific Gravity: 1.68 +/- 0.05.
    - b. Theoretical coverage: 114 +/- 4ft<sup>2</sup>/lb/mil
    - c. Mass loss during cure: <1%
    - d. Maximum storage temperature: 75°F
  5. Rust Protection Powder Under Coat Primer will be required on all structures. Powdura® Epoxy Powder Coating Z.R Primer shall be applied in accordance with the manufacturers' specifications. Primer should be fused only and then top coated with the selected powder coat to ensure proper intercoat adhesion.
  6. The Epoxy Powder Coating Primer characteristics:
    - a. Adhesion: ASTM D 3359 – 5B
    - b. Flexibility: ASTM D 552 – Pass ¼" Mandrel
    - c. Pencil Hardness: ASTM D 3363 – H-2H
    - d. Impact Resistance: ASTM D 2794 – 120 Dir/Rev
    - e. Salt Spray Resistance: ASTM B 117 – 2000 hours
    - f. Humidity Resistance: ASTM D 4585 – 2000 hours
    - g. 60° Gloss: 50.0 – 70.0%
    - h. Cure Schedule (metal temp) – 6 min at 392°F
    - i. Film Thickness Range: 2.0 - 3.0 mils
- J. Tension Cable: Steel cable is determined based on calculated engineering load.
- K. Fabric Roof Systems:
1. UV Shade Fabric:
    - a. UV Shade fabric is made of a UV stabilized high-density polyethylene. Mesh shall be rachel knitted with monofilament and tape yarn filler to ensure that material will not unravel if cut. Panels to be 10ft wide.
    - b. Fabric shall meet the following fire resistance tests:
      - 1) ASTM E84
      - 2) NFPA 701-97 (Weathered or unweathered)
      - 3) CA Fire Marshall Rating (Reg. # FA-52001)
  2. Stitching & Thread:
    - a. All sewing threads are to be double stitched.
    - b. Thread shall be GORE Tenara Sewing Thread manufactured from 100% expanded PTFE; mildew resistant exterior approved thread. Thread shall meet or exceed the following:
      - 1) Flexible temperature range
      - 2) Very low shrinkage factor
      - 3) Extremely high strength, durable in outdoor climates
      - 4) Resists flex and abrasion of fabric
      - 5) Unaffected by cleaning agents; acid rain, mildew, salt water and rot resistant, unaffected by most industrial pollutants.
      - 6) Treated for prolonged exposure to the sun.

3. Shade and UV Factors:
  - a. Shade protection and UV screen protection factors shall be as follows:

<u>Color</u>	<u>UV Block %</u>	<u>Shade %</u>
Pacific Blue	84%	82%
Rain Forest Green	83%	81%
Red	84%	85.5%
Silver	85%	81%
Desert Sand	86%	84.5%
Terracotta	85%	81%
Yellow	86%	84%

### PART 3 – EXECUTION

#### 3.1 INSTALLATION

- A. Installations of shade structures shall be performed by a State of CA licensed and bonded shade contractor with certified Rope Access Technicians on staff with experience in tension fabric structures.
- B. The shade contractor installing the structure shall comply with manufactures instructions for assembly, installation, and erection per approved drawings.
- C. Concrete:
  2. Concrete work shall be executed in accordance with the latest edition of American Concrete Building Code ACI 318.
  3. Concrete specifications shall comply in accordance with the section 03300, and detailed as per plans, shall be as follows:
    - a. 28 Days Strength  $F'_c = 3000$  psi
    - b. Aggregate: HR
    - c. Slump: 3 – 5
    - d. Portland Cement shall conform to C-150
    - e. Aggregate shall conform to ASTM C-33
  4. All reinforcement shall conform to ASTM A-615 grade 60.
  5. Reinforcing steel shall be detailed, fabricated, and placed in accordance with the latest ACI Detailing Manual and Manual of Standard Practice.
  6. Whenever daily ambient temperatures are below 80 degrees Fahrenheit, the contractor may have mix accelerators and hot water added at the batch plant (See Table 1).
  7. The shade contractor shall not pour any concrete when daily ambient temperature is below 55 degrees Fahrenheit.

**TABLE 1**

<b>Temperature Range</b>	<b>% Accelerator</b>	<b>Type Accelerator</b>
75-80 degrees	1%	High Early (non calcium)
70-75 degrees	2%	High Early (non calcium)
Below 70 degrees	3%	High Early (non calcium)



C. Foundations:

1. All Anchor Bolts set in new concrete shall be ASTM A-325.
2. All Anchor Bolts shall be Hot Dipped Galvanized.
1. Footings shall be placed in accordance with and conform to manufactures engineered specifications and drawings.

**END OF SECTION 13 31 23**

SUBMITTALS DUE AT BID (Revised – Addendum #2)

1. QUALITY ASSURANCE SUBMITTALS FOR LIBRARY STACK SYSTEMS

Submittals described in Division 11, Section 11054, 1.4

2. PROOF OF INSURANCE

Insurance Submittal described in Section 1.6 of the Skate Park Technical Specifications

RFI # A  
Official use only

## PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

## BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4815DATE SUBMITTED: 02/08/11CONTRACTOR: Yamada EnterprisesCONTACT PERSON: Beth HamiltonADDRESS: 16552 Burke Lane, Huntington Beach, CA 92647TELEPHONE NUMBER: 714-843-9882FACSIMILE NUMBER: 714-843-9202

Specification Section:

Paragraph:

Drawing Reference:

Detail:

11054-Library Stack Systems

AC-01B &amp; A4-31B

## Request:

1. The specs indicate various types of specialty shelves to be used. However the floor plan does not indicate where each specific type of shelf is to be located. Can you please provide a shelving schedule or coded floor plan that corresponds to the numerous shelf types call for in the spec?

Signed by:

Beth Hamilton

Response:

In Project Manual, delete 11054.2.2.01-33  
(Shelving Options)

[ ] Attachments

Response From: HEDSigned by: [Signature]Date: 2/18/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.

RFI # 513  
Official use only

## PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

BIDDING QUESTIONS TO:

Harley Ella Devereaux  
801 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515DATE SUBMITTED: 2-9-11CONTRACTOR: Bay City Electric WorksCONTACT PERSON: Steve MellingerADDRESS: 12208 Industry Road, Lakeside, CA 92040TELEPHONE NUMBER: 619-938-8200FACSIMILE NUMBER: 619-938-8217Specification Section:  
16010Paragraph:  
1.2.D.51-53Drawing Reference:  
N/ADetail:  
N/A

## Request:

16010.1.2.D.51-53 - These sections refer to a generator and ATS. Have these already been pre-purchased? If so, where was the bid posted so that we, Bay City Electric Works - the Kohler generator and ATS distributor in the area does not miss out on them in the future. If they were already purchased, what manufacturer are they from? Are bid opportunities for equipment posted on a specific web site?

Signed by:

Response:

*Delete 16010.1.2.D 51-53 - There is no generator.*

[ ] Attachments

Response From: [Signature]Signed by: [Signature]Date: 2/18/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite response. No RFI's do email will be provided.

RFI # 001  
Official use only

PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

A-1

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515

DATE SUBMITTED: 2/16/11

CONTRACTOR: Eberhardt Construction Inc.

CONTACT PERSON: Valery Eberhardt

ADDRESS: 19031 Hwy 18, Ste. 250 Apple Valley, CA

TELEPHONE NUMBER: (760) 242-0161 92307

FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request:

Sheet PS-02, Plumbing Enlarged Site Plan, is listed on the Title Sheet for Library Building B. However, it is missing from our plan set. Please provide this missing sheet.

Signed by:

Valery Eberhardt

Response:

At I Repro. has this sheet available on their website.

[ ] Attachments

Att

2/22/11

Response From:

HED

Signed by:

PR

Date:

2/22/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.

RFI # D  
Official use only

PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

ADDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 800  
Attention: David Richards - Project Manager  
FAX: (213) 642-4216

DATE SUBMITTED

2/21/2011

CONTRACTOR

Athena Engineering, Inc.

CONTACT PERSON

NICK TALLY

ADDRESS

456 E. Foothill Blvd. San Dimas, CA 91773

TELEPHONE NUMBER

909-971-8443

FACSIMILE NUMBER

909-971-8431

Specification Section

15900

Paragraph

Section 14-B

Drawing Reference

M8-01A

Detail

Note: 3

Request

Note 3 on Mechanical sheet M8-01A reads as follows

"All BAS System must be installed according to County of Riverside Facilities Management guidelines. TAC Controls have been qualified for use in the County of Riverside"

Specification section 15900, section 14-B lists: Johnson Controls, Siemens Building Technologies, Honeywell Inc. as a BAS provider and installer. Is TAC by Schneider Electric acceptable for the BAS?

Signed by

Nick Tally

Response:

- only control Contractors providers & installers listed and pre-qualified by County of Riverside.
- please verify latest list with county of Riverside.

Attachments

Response From:

Nabil Mikhail

Signed by:

N. A. Z.

Date:

2/2/2011

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m. on (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question per form. Multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.

15  
A2



Phone (858) 587-3600  
Fax (858) 453-6034  
6465 MarIndustry Place  
San Diego, CA 92121  
hazardconstruction.com  
License No. 750542A/B

## PRE-BID REQUEST FOR INFORMATION

RFI # 001

DATE: February 23, 2011

TO: David Richards

PROJECT: Cabazon Civic Center

Fax No. 213-542-4515

### ITEM DESCRIPTION AND / OR APPARENT DISCREPANCY:

Is there a specification for the size of rock/gravel for the Porous Paving? Detail '8' Sheet CG1.101? What is meant by "clean" gravel? Is it to be washed, or is there a cleanliness spec? It is unclear on the plans, sheet C4.202 where the AC Dike starts and stops, please clarify. For the full depth pavement removal on Sheet C4.203 from Sta. 18+49.46 to Sta. 19+67.50, what is the paving section? Is it the same as Note 2 - 0.36' AC on 0.50' AB? On the onsite paving it specifically says Class 2 Base, what is meant for the offsite paving by 'AB'? Can Class 2 Base be used or does it have to Agg Base which is/or can be a different product?

Monty Wilde

Contractor's Representative

### OWNER REPLY:

- ① CLEAN GRAVEL MEANS "COARSE GRAVEL LAYER", PER AASHTO # 8 DESIGN SPEC. GRADATION.
- ② THERE IS CLEARLY ONLY 8.12 FT. OF AC BEAM SHOWN IN RT CURB PROFILE TRANSITION.
- ③ CONTRACTOR SHALL BASE HIS REMOVAL OF PAVEMENT SECTION ON 4.5-INCHES OVER 6" A.B., AND PROVIDE A CREDIT IF LESS THAN 10.5" IS REMOVED.
- ④ AB IS DEFINED AS CLASS "2" AGGREGATE BASE PER COUNTY ORDINANCE NO. 461. THIS IS REFERENCED IN THE GENERAL NOTES ON SHEET 1 FOR STREET IMPROVEMENTS. THE CONTRACTOR IS "CAUTIONED" TO REVIEW COUNTY SPECS. PRIOR TO SUBMITTING A BID FOR THIS WORK. ALL INFO. IS AVAILABLE ON RIVERSIDE COUNTY WEBSITE.

Date:

3-1-2011

Signature:

WIL D BUL

## PRE-BID REQUEST FOR INFORMATION FORM

## CABAZON CIVIC CENTER

## BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 600  
Attention: David Richards - Project Manager  
FAX: (213) 542-4815

DATE SUBMITTED: 2/23/11CONTRACTOR: Eberhardt Construction, Inc.CONTACT PERSON: Valery EberhardtADDRESS: 19031 Highway 18, ste. 250, Apple Valley, CA 92307TELEPHONE NUMBER: 760/242-0161FACSIMILE NUMBER: 760/242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

## Request:

Please confirm that Alternate No. 1 includes the Library Building 'B' only, and that Alternate No. 2 includes the Water District Building 'C' only. All associated site work and infrastructure for these buildings are to be included in the base bid.

Signed by:

Response:

CONFIRMED

[ ] Attachments

Response From: HEDSigned by: [Signature]Date: 2/24/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form. Multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.



## PRE-BID REQUEST FOR INFORMATION FORM

## CABAZON CIVIC CENTER

## BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 600  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515

DATE SUBMITTED: 2/23/11CONTRACTOR: Eberhardt Construction, Inc.CONTACT PERSON: Valery EberhardtADDRESS: 19031 Highway 18, ste. 250, Apple Valley, CA 92307TELEPHONE NUMBER: 760/242-0161FACSIMILE NUMBER: 760/242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: Sheet A5-41

Please clarify where detail 13, 13A Wall type occurs.

Signed by: [Signature]

Response:

2/AC-01D

[ ] Attachments

Response From: [Signature]Signed by: [Signature]Date: 3/28/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.



## PRE-BID REQUEST FOR INFORMATION FORM

## CABAZON CIVIC CENTER

## BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 642-4516

DATE SUBMITTED: 2-24-2011

CONTRACTOR: Green Weirland Park + Playgrounds  
CONTACT PERSON: Chase Nielsen  
ADDRESS: P.O. Box 97, Wetbilly, UT 84339  
TELEPHONE NUMBER: 800-453-2735  
FACSIMILE NUMBER: 435-245-5057

Specification Section:

Paragraph:

Drawing Reference: L1, L2, L3  
AS-01-02

Detail:

## Request:

Can I get Specs, Detailed Drawings or any information  
about the playground equipment and playground surfacing?  
Can I also get quantities of Trash Receptacles, Drinking Fountains,  
Bike Racks, Bikes, Tables?

Signed by:

Response:

NOT RESPONDED - NO BID SUBSTITUTIONS ARE  
REVIEWED.

[ ] Attachments

Response From:

HED

Signed by:

Date:

2/28/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.

**EDGE**

Experience Dedication. Green Excellence.

## Request for Information 001

Detailed, RFIs Grouped by RFI Number

(T)

AR

EDI Est#1787 Cabazon Civic Center

Project # EDI Est#1787  
Tel: 951-296-0776 Fax: 951-296-0776

Date Created: 2/24/2011

RFI #: 001

## Answer Company

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Los Angeles, CA 90017

## Answered By

David Richards

## Author Company

EDGE Development, Inc.  
27368 Via Industria, Suite #101  
Temecula, CA 92590

## Authorized By

Neil Reilly

## Co-Respondent

## Author RFI Number

## Subject

Base Bid-Scope

## Discipline

## Category

Plan/Spec Discrepancies

## Co: Company Name

## Contact Name

## Copies Notes

## Question

Date Required: 3/3/2011

1. 01100 Summary 1.5 A. 3. - lists the work to be included; demolition of Fire Station 24, a restroom building and the Community Services Warehouses as shown on CS1.101 and CS1.102, what type of construction are these buildings? Are they single story? Is there any Haz-Mat abatement required?

2. 01100 Summary 1.5 A. 4. lists that the new skatepark is included but the Civil plan CG1.102 calls out to rough grade only and the Architectural Site plan AS-01 calls out the Skate Park as N.I.C. - please confirm the Skate Park is included in the Base Bid.

3. There is no specification included for the Skate Park in the Spec books Vol. 1 and II so there is no CSI assigned to this work. We see the spec listed in Volume III. Please include a CSI section for this work and reference the Vol. III spec.

## Suggestion

## Answer

Date Answered:

1. EXISTING BUILDINGS ARE AVAILABLE FOR SITE INSPECTION.
2. SEE PROJECT MANUAL APPENDIX 4 IN VOLUME 3 FOR DEMO REPORT.
3. SKATE PARK IS INCLUDED IN BASE BID - TECHNICAL SPECIFICATIONS ARE APPENDIX 1 IN VOLUME 3 OF PROJECT MANUAL.

Prolog Manager

Printed on: 2/25/2011 ESTIMATING

Page 1

**EDGE**

Experience Dedication Grace Excellence

## Request for Information 002

Detailed, RFIs Grouped by RFI Number

A2

EDI Est#1787 Cabazon Civic Center

Project # EDI Est#1787  
Tel: 951-296-0778 Fax: 951-296-0775

Date Created: 2/25/2011

RFI #: 002

## Answer Company

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Los Angeles, CA 90017

## Answered By

David Richards

## Author Company

EDGE Development, Inc.  
27368 Via Industria, Suite #101  
Temecula, CA 92590

## Authored By

Neil Reilly

## Co-Respondent

## Author RFI Number

## Subject

Alternates

## Discipline

Civil

## Category

SPECIFICATION CLARIFICATION

## Cc: Company Name

## Contact Name

## Copies Notes

## Question

Date Required: 3/4/2011

1. The project includes Alternates for the Library and the Water District buildings. Does the base bid include the over excavation and pad grading for these two buildings?

2. What is the boundary line of the improvements between the base bid and the Alternates? What plan sheet shows this?

## Suggestion

## Answer

Date Answered:

① YES.

② 5'-0" OUTSIDE THE BUILDING.

## Richards, David

---

**From:** Craig Noel <CraigN@jaynescorp.com>  
**Sent:** Friday, February 25, 2011 3:52 PM  
**To:** Richards, David  
**Subject:** Cabazon Center > RFI 01 - Duration  
  
**Importance:** High

K  
A2

Re: Cabazon Civic Center  
Bid Date: March 10, 2011 @ 2:00 p.m.

RFI - 01  
Subject: Project Duration

There is a discrepancy in the documents regarding project duration.  
The Bid Form says 450 calendar days.  
The Agreement says 450 working days.  
Please clarify.

CALENDAR DAYS

	<b>Craig Noel</b> Senior Estimator
	111 Elm Street, 4th Floor San Diego, CA 92101
Click for my Email <a href="http://www.jaynescorp.com">www.jaynescorp.com</a>	Ph: 619-233-4080 x8730 Fx: 619-233-4090

EDA  
Dominick Lombardi  
2/28/11

RFI # L  
Official Use Only

## PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

## BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4518DATE SUBMITTED: FEB 28, 2011CONTRACTOR: SOIL RETENTION  
CONTACT PERSON: JIM ENGELKE, ASLA  
ADDRESS: 2501 STATE ST CARLSBAD CA 92008  
TELEPHONE NUMBER: 760-966-6090  
FACSIMILE NUMBER: 760-966-6099

Specification Section:

Paragraph:

Drawing Reference: L-2

Detail:

Request: CAN DRIVABLE GRASS<sup>®</sup> PERMEABLE, FLEXIBLE AND PLANTABLE PAVEMENT SYSTEM BE APPROVED AS AN EQUIVALENT FOR GRASSPAVE<sup>2</sup> AS SHOWN ON SHEET L-2, CONSTRUCTION LEGEND ITEM #3? DRIVABLE GRASS<sup>®</sup> CAN BE INSTALLED WITH THIN SECTION SOD TURF FOR A FULL GRASSED APPEARANCE WHILE OFFERING SUPERIOR LOADING AND WEAR CAPABILITIES COMPARED TO PLASTIC PRODUCTS. SEE ATTACHED FOR FURTHER INFORMATION.

Signed by: [Signature]

Response:

NOT RESPONDED - NO BID SUBSTITUTIONS REVIEWED.

[ ] Attachments

Response From: HESigned by: [Signature]Date: 2/28/11

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## PRE-BID REQUEST FOR INFORMATION FORM

## CABAZON CIVIC CENTER

A2

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515DATE SUBMITTED: 2/28/2011CONTRACTOR: Eberhardt Construction, IncCONTACT PERSON: Valery EberhardtADDRESS: 19031 Hwy 18, ste 250, Apple Valley, CA 92307TELEPHONE NUMBER: (760) 242-0161FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: The Alternates are described as including the Buildings only. Are we to include the pad preparation and infrastructure as part of the base bid with the hardscapes and landscaping to be part of the Alternates? Please specifically designate what is to be included in each Alternate and provide limits of work surrounding each Building.

Signed by:



Response:

SEE RESPONSE TO RFI J.

[ ] Attachments

Response From: \_\_\_\_\_

Signed by: \_\_\_\_\_

Date: \_\_\_\_\_

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RFI # 12  
Official use only

PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515

DATE SUBMITTED: 2/28/2011

CONTRACTOR: Eberhardt Construction, Inc

CONTACT PERSON: Valery Eberhardt

ADDRESS: 19031 Hwy 18, ste 250, Apple Valley, CA 92307

TELEPHONE NUMBER: (760) 242-0161

FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: Reference Sht AI-01 Finish Schedule - Bldg. 'A'

The ceiling finish calls for 2x4 lay-in acoustic tile, but the reflected ceiling plan shows 4x4 grid patterns at Rooms A 201, A 202, A 215, A 117, A 102 & A 101. Are we to use 2x4 tile at these ceilings?

Signed by:

Response:

Finish Schedule shows also CL-2 as 4' x 4' tile.

[ ] Attachments

Response From: H/E

Signed by: [Signature]

Date: 3/4/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.



PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

RFI #             
Official use only

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 642-4515

DATE SUBMITTED: 2/28/2011

CONTRACTOR: Eberhardt Construction, Inc

CONTACT PERSON: Valery Eberhardt

ADDRESS: 19031 Hwy 18, ste 250, Apple Valley, CA 92307

TELEPHONE NUMBER: (760) 242-0161

FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: Please indicate where bollards are located, and what type. Details in the Architectural and Electrical Drawings are noted, but not found on any site drawings.

Signed by:

Response:

BOLLARDS OCCUR AT TRASH ENCLOSURES FOR BUILDINGS A+C. ALSO OCCUR AT TRANSFORMER PADS (SEE ELEC. COORDINATION DRAWINGS IN SITE PACKAGE.

[ ] Attachments

Response From: 1/20

Signed by:                     

Date: 3/4/11

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PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

RFI # P  
Official use only

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
801 South Figueroa Street, Suite 600  
Attention: David Richards - Project Manager  
FAX: (213) 642-4516

DATE SUBMITTED: 2/28/2011

CONTRACTOR: Eberhardt Construction, Inc

CONTACT PERSON: Valery Eberhardt

ADDRESS: 19031 Hwy 18, ste 250, Apple Valley, CA 92307

TELEPHONE NUMBER: (760) 242-0161

FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: Reference Sheet C9.103 - Carmen Ave.

There is a note referencing a proposed 8" PVC Pipeline in this street, however there are no street improvement plans for Carmen. Is this work by others? Do we just tap into the line once it is installed and provide cutting and patching of the asphalt at the tie-in locations?

Signed by:

Response:

INSTALL NEW 8" WATER MAIN AND APPURTENANCES PER WATER PLANS. CARMEN AVE. IS AN EXISTING STREET (FULLY IMPROVED) WITH CURB & GUTTER, WITH 6-Feet OF SIDEWALK. THE CONTRACTOR SHALL INSTALL 5-Feet OF ADDITIONAL SIDEWALK ALONG CARMEN AVE FRONTAGE PER COUNTY OF RIVERSIDE STD. 104, AND REMOVE AND RECONSTRUCT THE EXIST. DRIVEWAY (PROP. WIDTH = 24') PER COUNTY OF RIVERSIDE STD. (207A) AND INSTALL ONE NEW DRIVEWAY (WIDTH = 24') PER COUNTY STD. (207A), I.E. 2 NEW DRIVEWAYS FOR THE

Attachments

CON STD 104 &  
CON STD 207A

Response From: Bill Brooks, P.E.

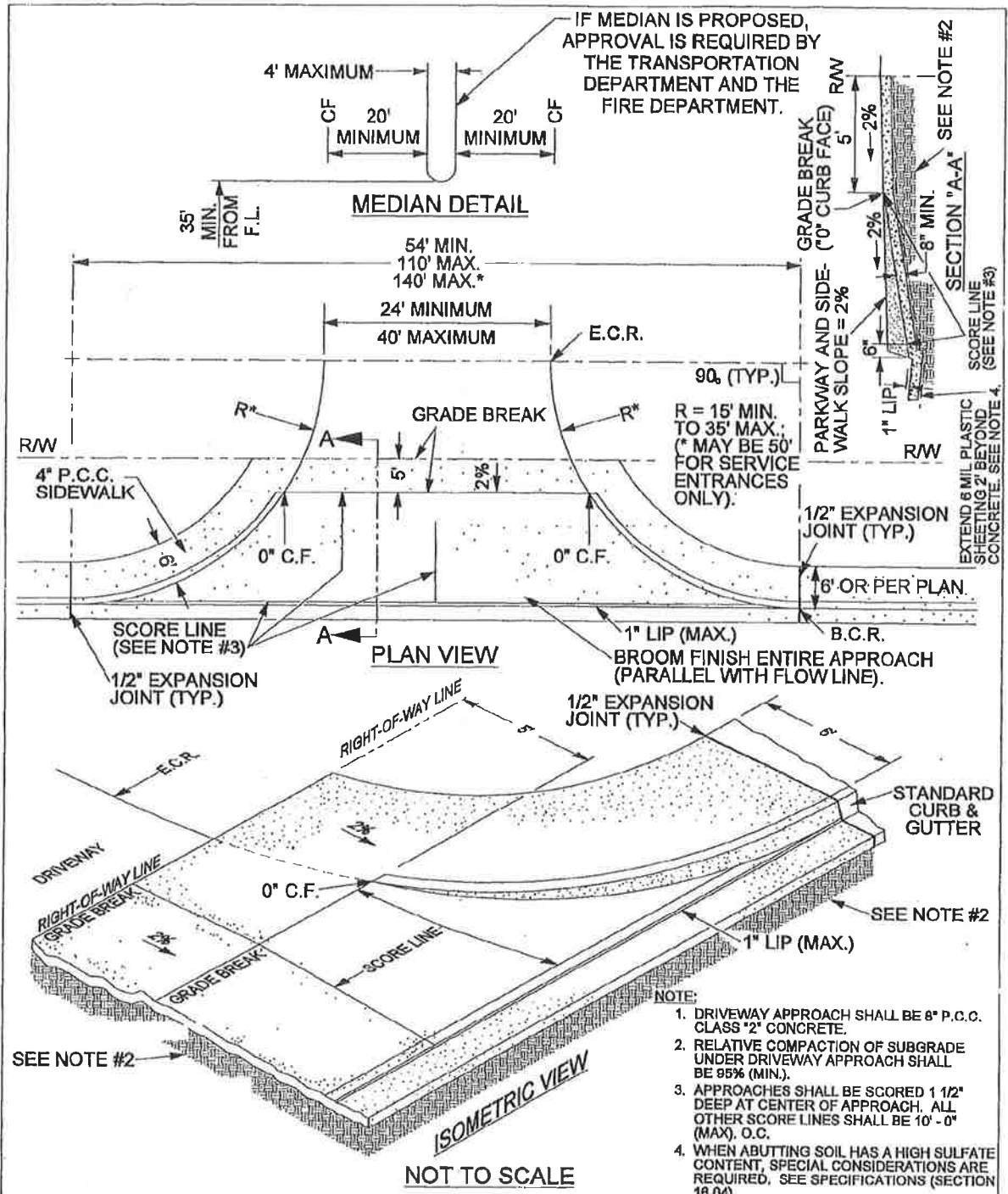
Signed by: Bill Brooks

Date: 3-1-2011

SIDEWALK DEMOLITION AT  
NEW DRIVEWAYS AS REQ'D.

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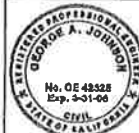




APPROVED BY:

*George A. Johnson*  
DIRECTOR OF TRANSPORTATION  
GEORGE A. JOHNSON, RCE 42328

DATE: 11/15/04

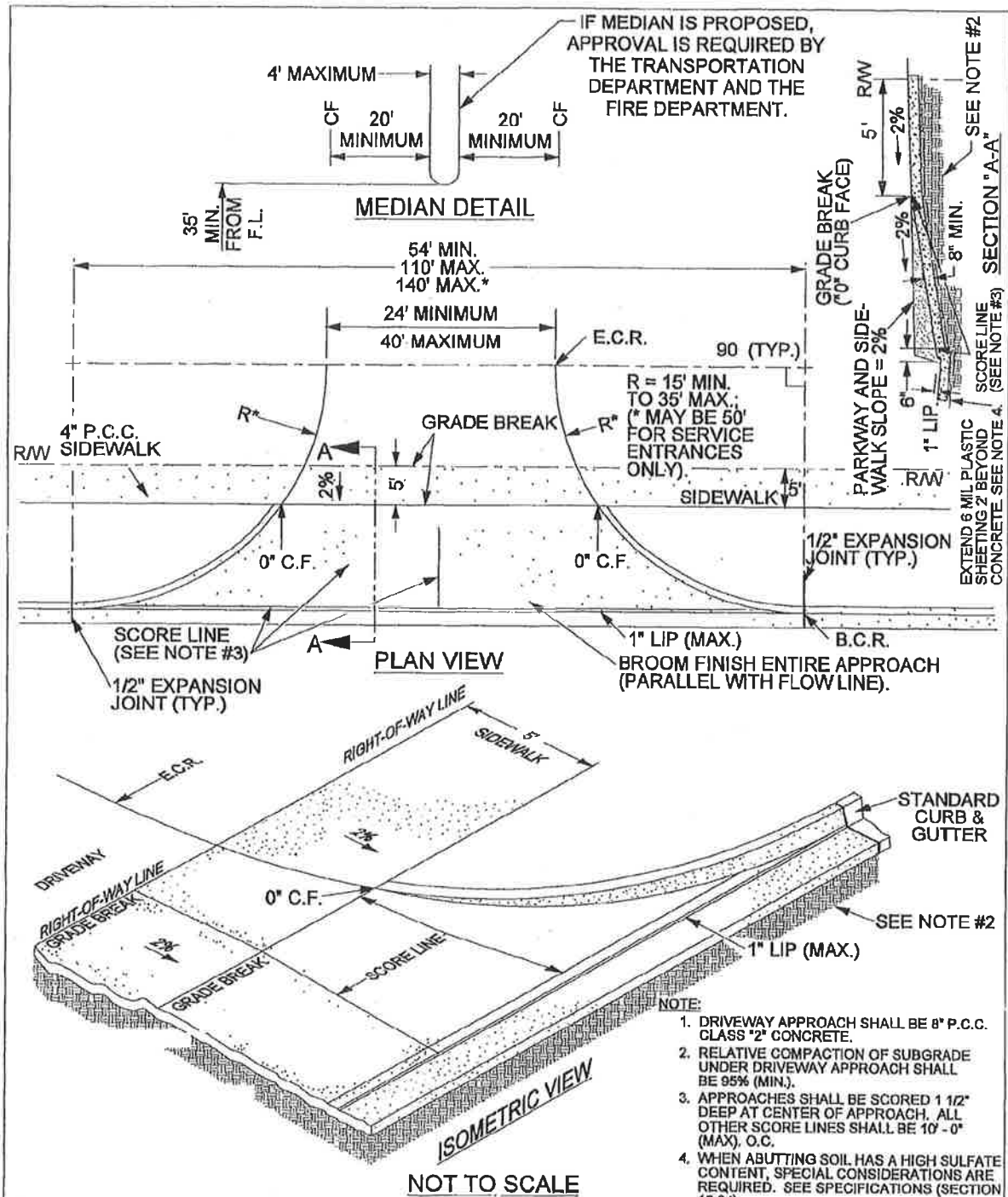


COUNTY OF RIVERSIDE

**COMMERCIAL DRIVEWAY  
(WITH SIDEWALK AT CURB)**

STANDARD NO. 207A (1 OF 2)

REVISIONS				REV.	BY:	APR'D	DATE	REV.	BY:	APR'D	DATE
11-04				1				4			
				2				5			
				3				6			



APPROVED BY:

*George A. Johnson*  
DIRECTOR OF TRANSPORTATION  
GEORGE A. JOHNSON, RCE 42328

DATE: 11/15/04



COUNTY OF RIVERSIDE

# **COMMERCIAL DRIVEWAY (WITH SIDEWALK AT R/W)**

REVISIONS	REV.	BY:	APR'D	DATE	REV.	BY:	APR'D	DATE
11-04	1				4			
	2				5			
	3				6			

STANDARD NO. 207A (2 OF 2)



PRE-BID REQUEST FOR INFORMATION FORM

RFI # 8  
Official use only

CABAZON CIVIC CENTER

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 600  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515

DATE SUBMITTED: 2/28/2011

CONTRACTOR: Eberhardt Construction, Inc

CONTACT PERSON: Valery Eberhardt

ADDRESS: 19031 Hwy 18, ste 250, Apple Valley, CA 92307

TELEPHONE NUMBER: (760) 242-0161

FACSIMILE NUMBER: (760) 242-0380

Specification Section:

Paragraph:

Drawing Reference:

Detail:

Request: Reference Sheet CG1.102

The plans call out for 21C identification note at the storm drain south of Building D, but there is no associated note listed in the Construction Notes legend. Please clarify.

Signed by:

Response:

NOTE 21C IS CHANGED TO 22C, "CONSTRUCT 8"  
PVC SD (SDR 35) - SEE ATTACHED SKETCH  
FOR CLARIFICATION.

X Attachments 1 - Sketch. A

Response From: Bill Brooks

Signed by: Bill Brooks

Date: 3-2-2011

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RFI # R  
Official use only

PRE-BID REQUEST FOR INFORMATION FORM

CABAZON CIVIC CENTER

BIDDING QUESTIONS TO:

Harley Ellis Devereaux  
601 South Figueroa Street, Suite 500  
Attention: David Richards - Project Manager  
FAX: (213) 542-4515

DATE SUBMITTED: 2/28/11

CONTRACTOR: PRIME ELECTRICAL SERVICES  
CONTACT PERSON: JOHN DUNHAM  
ADDRESS: 480 ENTERPRISE ST  
TELEPHONE NUMBER: 760-908-6206  
FACSIMILE NUMBER: 760-471-6636

Specification Section: Paragraph: Drawing Reference: Detail:

Request:

we would like to bid on the low voltage telecom/structured cabling scope. There are no specs for this section, but several symbols (drop locations) on the plans. Does the customer already have a contractor for this work or can we bid this?

Signed by:

Response:

NOT AN RFI - NO RESPONSE

[ ] Attachments

Response From: Her

Signed by: D

Date: 3/2/11

NOTE: All questions must be received in writing on the form provided no later than 5:00 p.m., ten (10) working days prior to bid opening. This will allow time to respond to the question and/or to issue an addendum to all contractors addressing the question. Questions received after the due date will not be acknowledged. Please submit one question/request per form, multiple questions may not be answered unless pertaining to same RFI. Written requests via facsimile are encouraged to expedite process. No RFI's via email will be accepted.