

## SECTION 01 14 00

## WORK RESTRICTIONS

06/14

## PART 1 GENERAL

## 1.1 SPECIAL SCHEDULING REQUIREMENTS

- a. Have materials, equipment, and personnel required to perform the work at the site prior to the commencement of the work.
- b. The building will remain in operation during the entire construction period. The Contractor shall conduct his operations so as to cause the least possible interference with normal operations of the activity.
- c. When beginning renovation work on the SOUTH SIDE, the contractor shall first remove, store, and protect all furniture on the SOUTH SIDE for the duration of the renovation work. At the completion of renovation work on the SOUTH SIDE, the Contractor shall re-install the furniture on the SOUTH SIDE.
- d. When beginning renovation work on the NORTH SIDE, the contractor shall first remove all furniture from the NORTH SIDE and deliver to DRMO or the Facilities Warehouse, Building 151. The Government will purchase and install new furniture for the NORTH SIDE. Coordinate with the Contracting Officer for access to install the new furniture after renovation work is complete.

## 1.2 CONTRACTOR ACCESS AND USE OF PREMISES

## 1.2.1 Regulations

Ensure that Contractor personnel employed on the Activity become familiar with and obey Activity regulations. Keep within the limits of the work and avenues of ingress and egress. Wear hard hats in designated areas. Do not enter any restricted areas unless required to do so and until cleared for such entry. The Contractor's equipment shall be conspicuously marked for identification.

## 1.2.2 Working Hours

Regular working hours shall consist of an 8 1/2 hour period normally between the hours of 7:00 am to 3:30 pm, Monday through Friday, excluding Government holidays.

## 1.2.3 Work Outside Regular Hours

Work outside regular working hours requires Contracting Officer approval. Make application 15 calendar days prior to such work to allow arrangements to be made by the Government for inspecting the work in progress. During periods of darkness, the different parts of the work shall be lighted in a manner approved by the Contracting Officer.

## 1.2.4 Occupied Building

The Contractor shall be working in an existing building which is occupied.

Do not enter the building without prior approval of the Contracting Officer.

The existing buildings and their contents shall be kept secure at all times. Provide temporary closures as required to maintain security as directed by the Contracting Officer.

Provide dust covers or protective enclosures to protect existing work that remains and Government material located in the building during the construction period.

Relocate movable furniture as required to perform the work, protect the furniture, and replace the furniture in its original location upon completion of the work. Leave attached equipment in place, and protect it against damage, or temporarily disconnect, relocate, protect, and reinstall it at the completion of the work.

#### 1.2.5 Utility Cutovers and Interruptions

- a. Permission to interrupt any Activity utility service shall be requested in writing a minimum of 15 calendar days prior to desired date of interruption.
- b. Make utility cutovers and interruptions after normal working hours or on Saturdays, Sundays, and Government holidays. Conform to procedures required in the paragraph "Work Outside Regular Hours."
- c. Ensure that new utility lines are complete, except for the connection, before interrupting existing service.
- d. Interruption to water, sanitary sewer, storm sewer, telephone service, electric service, air conditioning, heating, fire alarm, and compressed air shall be considered utility cutovers pursuant to the paragraph entitled "Work Outside Regular Hours."
- e. Operation of Station Utilities: The Contractor shall not operate nor disturb the setting of control devices in the station utilities system, including water, sewer, electrical, and steam services. The Government will operate the control devices as required for normal conduct of the work. The Contractor shall notify the Contracting Officer giving reasonable advance notice when such operation is required.

### 1.3 SECURITY REQUIREMENTS

#### 1.3.1 Station Regulations

No employee or representative of the contractor will be admitted to the work site without an Identification Badge or is specifically authorized admittance to the work site by the ROICC, NAVFAC Contracts.

#### 1.3.2 Contractor Access to MCAS Cherry Point and Outlying Areas

Documentation requirements for granting access to MCAS Cherry Point for commercial and contract employers and employees. This document is an aid in meeting ASO 5500.14 requirements and is not a substitute for the order.

1. Prime Contractor will provide a list of employees (prime and/or sub-contractor) that require Station access on company letterhead and include the contract number and a copy of the "base access table" outlined

in your contract. NOTE: This list should include employee names ONLY. Do NOT include other personally identifiable information (PII) such as Social Security Number, Date of Birth, etc. Contractors who are hired for a period more than 30 days will be issued a contractor's badge after the conditions outlined in this document are met. The badge must be carried in plain view or readily accessible at all times while on Station. All badges will be issued for a period NOT TO EXCEED ONE YEAR regardless of the length of the contract. Upon the expiration of the badge, the company/employee will provide a new 50 state/national criminal records check and LRC prior to being re-badged. Any access from 1 day to less than 30 days, employers will provide the same documentation as stated above. In place of a badge a copy of this letter with the worker's name highlighted, stamped with the "Pass & ID" stamp, "Criminal Records Check (CRC) Sighted", and we will also annotate below the stamps the following statement: "Valid until (expiration date) then date and initial it." This document will be issued to each worker and IS their authorization to be aboard the installation. This letter must be carried on their person or readily accessible at all times while on Station.

2. Contractor personnel requesting access to MCAS Cherry Point must complete and sign the attached Local Records Check (LRC) Form.

3. Contractor personnel requesting access to MCAS Cherry Point can personally deliver the (original) LRC/ARI and the national background check to MCAS Pass & ID 2 full work days prior to requiring a badge or you may send the completed LRC (original) form to include the national background check in via FEDEX, UPS or EXPRESS Mail to arrive up to 5 days prior to your arrival. Address: Provost Marshal, Attn: Pass & ID Office, Marine Corps Air Station, Cherry Point, NC 28533-0035 or by US Mail, Provost Marshal's Office, Postal Service Center Box 8035, Marine Corps Air Station, Cherry Point, North Carolina 28533-0035. Transit time is 7 to 10 days regular mail. SSN and photo ID will be verified at this time. NOTE: Due to the sensitivity of the personal information contained in the LRC Release, these documents CAN NOT be faxed or e-mailed to MCAS Pass & ID per Air Station Order 5500.14.

In order to get a badge, you must be present, as it is photo badge. If the vetting process works correctly, we should have your approved paperwork on hand pending your arrival.

4. MCAS Pass & ID will complete the local records check prior to contractor arriving for badging. If negative results are found, the sponsoring company (prime contractor) will be notified. NOTE: LRCs are only valid for 15 days, therefore the contractor must receive their badge within 15 days or they will have to resubmit the paperwork.

5. Individual Contractor Personnel report to Pass & ID for badging according to the following schedule:

<u>LRC &amp; Background Check Submitted:</u>	<u>Earliest Badging Opportunity:</u>
Monday	Thursday
Tuesday	Friday
Wednesday	Monday (the following week)
Thursday	Tuesday (the following week)
Friday	Wednesday (the following week)

6. Individual Contractor Personnel MUST bring the following documents when reporting to Pass & ID for badging:

- Copy of LRC release previously submitted above.
- Picture ID (typically a driver's license)
- Social Security Card or official document listing SSN
- Birth Certificate or Passport to verify citizenship
- If NOT US citizen, provide proof of immigration status
- Copy of 50-State Background Check (must be less than 30-days old)

IMPORTANT NOTE: ROICC personnel (Construction Managers, Engineering Techs, or Contract Specialists) and FSC personnel (Contract Surveillance Reps) will not receive, process, re-transmit or otherwise handle in any way PII information related to the badging process. Do NOT forward any of this information to ROICC or FSC.

7. All employers/employees must provide a CRC from any internet investigative service or any other investigative service company that provides a 50 state/national criminal records check and a check of the Sexual Offenders List. (Local county/state checks are not authorized and will not be accepted.) This records check must be a "complete" check covering the period from at the minimum their 18th birthday to present. The CRC must also have a statement in the records check that this is a "national records check" or the terminology the agency uses to indicate such. Please be sure of what you are requesting. If it is anything less than a national check, it will be rejected. The CRC can not be more than 30 days old at the time it is presented to Pass & ID personnel. CRCs may be obtained from, but not limited to the following sources (\*):

- A) WWW.SENTRYLINK.COM
- B) WWW.INTEGRASCAN.COM
- C) WWW.CRIMINALWATCHDOG.COM
- D) WWW.CASTLEBRANCH.COM
- E) WWW.KROLLBACKGROUNDSCREENING.COM
- F) WWW.BACKGROUNDCHECKS.COM
- G) WWW.LEXISNEXIS.COM

IMPORTANT NOTE: Cost of a background check can vary anywhere from \$19 to \$60 based on the type or amount of services requested. Minimum information required for a background check is the individual's last name, first name, middle name (optional) and date of birth, which must match exactly with your name and DOB on your driver's license or state ID. A social security number verification is also available at an additional cost.

8. In accordance with ASO 5500.14 (not an all inclusive list), access will be denied if the individual:

- A. Conviction of any felony offense.
- B. Conviction of any offense involving a weapon.
- C. Conviction of any drug offense involving manufacturing or trafficking.
- D. More than 1 misdemeanor conviction of drug related offense over applicant's lifetime or 1 misdemeanor drug related offense within the last 5 years.
- E. Conviction of any felony assault charge.
- F. Conviction of any offense involving theft or larceny in excess of \$500.00.
- G. Conviction of any offense of felony domestic violence.
- H. Conviction of any offense related to the felony abuse/neglect of a child.

- I. Conviction of any sexual in nature related offense or registration as a sex offender.
  - J. Commission of any grievous criminal offense/misconduct while aboard any federal installation to include blatant disregard for rules and regulations of the Air Station (excluding minor traffic offences) .
  - K. Other Than Honorable, Bad Conduct, and Dishonorable discharges from the U.S. Military.
  - L. Those identified as undocumented citizens.
  - M. Those on the National Terrorist Watch List.
  - N. Any individual who attempts to hide or purposely fails to disclose all past criminal history during the vetting process.
  - O. Any individual determined by the PMO to present a risk to the security and safety of the Air Station and whose access is deemed not in the best interest of the Marine Corps.
  - P. Any individual who has been debarred from MCAS Cherry Point by the CO or is currently listed as debarred from any other federal installation.
  - Q. Any individual with an outstanding warrant for their arrest or apprehension.
9. Picture ID from a state or federal agency (i.e., valid driver's license or state identification card).
10. Social Security Card or any official document listing the SSN (letter from Social Security Administration listing the SSN, W-2 (tax form), DD-214, pay stub listing complete SSN). An additional source may be through the internet with E-Verify.
11. Birth certificates and passports are used when necessary to verify citizenship and are never used as a means to verify social security numbers.
12. If the employee is not a U.S. Citizen, PROOF OF IMMIGRATION STATUS must be provided and carried on their person or be readily accessible at all times while on station. Proof must also be provided if an individual is a naturalized U.S. citizen.
13. Due to recent changes with Privacy laws, please do not include social security numbers in the company letters being sent to this office. Additionally, all criminal record checks must be hand carried by the individual worker or brought in by the supervisor.
14. As of 19 Dec 07 security clearances are no longer valid as a means for requesting access to the installation. All personnel hired as commercial or contractor employees to work for a company aboard the installation will be required to provide a 50 state/national criminal check.
15. The changes in this document are effective as of 10 Jun 2014.

IMPORTANT NOTE: Until further notice, ID cards and vehicle passes issued to contractors at Camp Lejeune and New River are not valid at Cherry Point without a 50 state/national CRC in their possession at the time they are requesting access at MCAS Cherry Point.

(\*) The United States Government and the United States Marine Corps does not endorse nor are they affiliated with any of the screening services mentioned above. We must be able to verify/validate the information contained in the CRC via telephone. If we are unable to validate the CRC the clearance information will not be accepted.

(\*\*) Due to recent developments concerning the screening services of

Criminal CBS (also DBA US Criminal Checks, INC), Net Detective, and ABI (Accurate Background Investigations), they are no longer authorized as a means for entry at MCAS Cherry Point.

Questions on these revised procedures should be addressed directly with Pass & ID personnel at CHPT\_PASS-ID\_OMB@USMC.MIL or 252-466-4683/5921.

#### 1.4 FLIGHTLINE SECURITY REQUIREMENTS

Work involved under this contract is in the Flightline Security Area. No employee or representative of the Contractor will be admitted to the work site unless they (1) are specifically authorized admittance by the OIC, NAVFAC Contracts, and (2) has a security badge. The Contractor shall obtain clearance and flightline security badges for all personnel required to be on the project site prior to performing any work. The Contractor shall submit a written request for security badges to the OIC, NAVFAC Contracts and to Pass & ID. Each employee will be required to go to PASS & ID at Building 251 to obtain his security badge with flightline access. A limited number of Contractor vehicles will be allowed access to the site of work subject to meeting regular Station access requirements. No personal vehicles will be allowed behind the security fence. Parking of vehicles shall be restricted to the immediate project site as determined by the OIC, NAVFAC Contracts. The security badges issued under this contract are valid for this specific project and are not transferable to another project.

#### PART 2 PRODUCTS

Not Used

#### PART 3 EXECUTION

Not Used

-- End of Section --

## SECTION 08 71 00

DOOR HARDWARE  
08/08

## PART 1 GENERAL

## 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

## ASTM INTERNATIONAL (ASTM)

ASTM E283 (2004; R 2012) Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

## BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA)

ANSI/BHMA A156.1 (2013) Butts and Hinges

ANSI/BHMA A156.13 (2012) Mortise Locks & Latches Series 1000

ANSI/BHMA A156.16 (2013) Auxiliary Hardware

ANSI/BHMA A156.18 (2012) Materials and Finishes

ANSI/BHMA A156.2 (2011) Bored and Preassembled Locks and Latches

ANSI/BHMA A156.21 (2009) Thresholds

ANSI/BHMA A156.3 (2008) Exit Devices

ANSI/BHMA A156.4 (2013) Door Controls - Closers

ANSI/BHMA A156.5 (2010) Auxiliary Locks and Associated Products

ANSI/BHMA A156.6 (2010) Architectural Door Trim

ANSI/BHMA A156.7 (2003; R 2009) Template Hinge Dimensions

ANSI/BHMA A156.8 (2010) Door Controls - Overhead Stops and Holders

BHMA A156.15 (2011) Release Devices Closer Holder, Electromagnetic and Electromechanical

BHMA A156.22 (2012) Door Gasketing and Edge Seal Systems

## NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 101 (2012; Amendment 1 2012) Life Safety Code

NFPA 80 (2013) Standard for Fire Doors and Other Opening Protectives

STEEL DOOR INSTITUTE (SDI/DOOR)

SDI/DOOR A250.8 (2003; R2008) Recommended Specifications for Standard Steel Doors and Frames

UNDERWRITERS LABORATORIES (UL)

UL Bld Mat Dir (2012) Building Materials Directory

1.2 SUBMITTALS

Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES.

SD-02 Shop Drawings

Hardware schedule

Keying system

SD-03 Product Data

Hardware items

SD-10 Operation and Maintenance Data

Hardware Schedule items, Data Package 1

Submit data package in accordance with Section 01 78 23 OPERATION AND MAINTENANCE DATA.

SD-11 Closeout Submittals

Key Bitting

1.3 HARDWARE SCHEDULE

Prepare and submit hardware schedule in the following form:

Hardware Item	Quantity	Size	Reference Publication Type No.	Finish	Mfr Name and Catalog No.	Key Control Symbols	UL Mark (If fire rated and listed)	BHMA Finish Designation

1.4 KEY BITTING CHART REQUIREMENTS

Submit key bitting charts to the Contracting Officer prior to completion of the work. Include:

- a. Complete listing of all keys (AA1, AA2, etc.).



- b. Complete listing of all key cuts (AA1-123456, AA2-123458).
- c. Tabulation showing which key fits which door.
- d. Copy of floor plan showing doors and door numbers.
- e. Listing of 20 percent more key cuts than are presently required in each master system.

## 1.5 QUALITY ASSURANCE

### 1.5.1 Hardware Manufacturers and Modifications

Provide, as far as feasible, locks, hinges, and closers of one lock, hinge, or closer manufacturer's make. Modify hardware as necessary to provide features indicated or specified.

### 1.5.2 Key Shop Drawings Coordination Meeting

Prior to the submission of the key shop drawing, the Contracting Officer, Contractor, Door Hardware subcontractor, using Activity and Base Locksmith shall meet to discuss key requirements for the facility.

## 1.6 DELIVERY, STORAGE, AND HANDLING

Deliver hardware in original individual containers, complete with necessary appurtenances including fasteners and instructions. Mark each individual container with item number as shown in hardware schedule. Deliver permanent keys and removable cores to the Contracting Officer, either directly or by certified mail. Deliver construction master keys with the locks.

## PART 2 PRODUCTS

### 2.1 TEMPLATE HARDWARE

Provide hardware to be applied to metal or to prefinished doors manufactured to template. Promptly furnish template information or templates to door and frame manufacturers. Conform to ANSI/BHMA A156.7 for template hinges. Coordinate hardware items to prevent interference with other hardware.

### 2.2 HARDWARE FOR FIRE DOORS AND EXIT DOORS

Provide all hardware necessary to meet the requirements of NFPA 80 for fire doors and NFPA 101 for exit doors, as well as to other requirements indicated, even if such hardware is not specifically mentioned under paragraph entitled "Hardware Schedule." Provide the label of Underwriters Laboratories, Inc. for such hardware listed in UL Bld Mat Dir or labeled and listed by another testing laboratory acceptable to the Contracting Officer.

### 2.3 HARDWARE ITEMS

Clearly and permanently mark with the manufacturer's name or trademark, hinges, pivots, locks, latches, exit devices, bolts and closers where the identifying mark will be visible after the item is installed. For closers

with covers, the name or trademark may be beneath the cover.

### 2.3.1 Hinges

ANSI/BHMA A156.1, 4-1/2 by 4-1/2 inch unless otherwise indicated. Construct loose pin hinges for exterior doors and reverse-bevel interior doors so that pins will be nonremovable when door is closed. Other antifriction bearing hinges may be provided in lieu of ball-bearing hinges.

### 2.3.2 Locks and Latches

#### 2.3.2.1 Bored Locks and Latches

ANSI/BHMA A156.2, Series 4000, Grade 1.

#### 2.3.2.2 Auxiliary Locks

ANSI/BHMA A156.5, Grade 1.

### 2.3.3 Exit Devices

ANSI/BHMA A156.3, Grade 1. Provide adjustable strikes for rim type and vertical rod devices. Provide open back strikes for pairs of doors with mortise and vertical rod devices. Provide touch bars in lieu of conventional crossbars and arms.

### 2.3.4 Cylinders and Cores

Provide cylinders and cores for new locks, including locks provided under other sections of this specification. Provide cylinders and cores with seven pin tumblers. Provide cylinders from products of one manufacturer, and provide cores from the products of one manufacturer. Rim cylinders, mortise cylinders, and knobs of bored locksets have interchangeable cores which are removable by special control keys. Stamp each interchangeable core with a key control symbol in a concealed place on the core.

### 2.3.5 Keying System

Provide an extension of the existing keying system. Coordinate with ROICC.

### 2.3.6 Lock Trim

Cast, forged, or heavy wrought construction and commercial plain design.

#### 2.3.6.1 Lever Handles

Provide lever handles in lieu of knobs. Conform to the minimum requirements of ANSI/BHMA A156.13 for mortise locks of lever handles for exit devices. Provide lever handle locks with a breakaway feature (such as a weakened spindle or a shear key) to prevent irreparable damage to the lock when force in excess of that specified in ANSI/BHMA A156.13 is applied to the lever handle. Provide lever handles return to within 1/2 inch of the door face.

### 2.3.7 Keys

Furnish one file key, one duplicate key, and one working key for each key change keying system. Furnish one additional working key for each lock of each keyed-alike group. Furnish a quantity of key blanks equal to 20

percent of the total number of file keys. Stamp each key with appropriate key control symbol and "U.S. property - Do not duplicate." Do not place room number on keys.

#### 2.3.8 Door Bolts

ANSI/BHMA A156.16. Provide dustproof strikes for bottom bolts, except for doors having metal thresholds. Automatic latching flush bolts: ANSI/BHMA A156.3, Type 25.

#### 2.3.9 Closers

ANSI/BHMA A156.4, Series C02000, Grade 1, with PT 4C. Provide with brackets, arms, mounting devices, fasteners, full size covers, and other features necessary for the particular application. Size closers in accordance with manufacturer's recommendations, or provide multi-size closers, Sizes 1 through 6, and list sizes in the Hardware Schedule. Provide manufacturer's 10 year warranty.

##### 2.3.9.1 Identification Marking

Engrave each closer with manufacturer's name or trademark, date of manufacture, and manufacturer's size designation located to be visible after installation.

#### 2.3.10 Overhead Holders

ANSI/BHMA A156.8.

#### 2.3.11 Closer Holder-Release Devices

BHMA A156.15.

#### 2.3.12 Door Protection Plates

ANSI/BHMA A156.6.

##### 2.3.12.1 Sizes of Mop and Kick Plates

2 inch less than door width for single doors; one inch less than door width for pairs of doors. Provide 10 inch kick plates for flush doors. Provide 6 inch mop plates.

#### 2.3.13 Door Stops and Silencers

ANSI/BHMA A156.16. Silencers Type L03011. Provide three silencers for each single door, two for each pair.

#### 2.3.14 Thresholds

ANSI/BHMA A156.21. Use J35100, with vinyl or silicone rubber insert in face of stop, for exterior doors opening out, unless specified otherwise.

#### 2.3.15 Weather Stripping Gasketing

BHMA A156.22. Provide the type and function designation where specified in paragraph entitled "Hardware Schedule". Provide a set to include head and jamb seals, sweep strips, and, for pairs of doors, astragals. Air leakage of weather stripped doors not to exceed 0.5 cubic feet per minute of air

per square foot of door area when tested in accordance with ASTM E283. Provide weather stripping with one of the following:

#### 2.3.15.1 Extruded Aluminum Retainers

Extruded aluminum retainers not less than 0.050 inch wall thickness with vinyl, neoprene, silicone rubber, or polyurethane inserts. Provide clear (natural) anodized aluminum.

#### 2.3.16 Soundproofing Gasketing

BHMA A156.22. Include adjustable doorstops at head and jambs and an automatic door bottom per set, both of extruded aluminum, clear (natural) anodized, surface applied, with vinyl fin seals between plunger and housing. Provide doorstops with solid neoprene tube, silicone rubber, or closed-cell sponge gasket. Furnish door bottoms with adjustable operating rod and silicone rubber or closed-cell sponge neoprene gasket. Doorstops mitered at corners. Provide the type and function designation where specified in paragraph entitled "Hardware Sets".

#### 2.3.17 Rain Drips

Extruded aluminum, not less than 0.08 inch thick, clear anodized. Set drips in sealant and fasten with stainless steel screws.

##### 2.3.17.1 Door Rain Drips

Approximately 1-1/2 inch high by 5/8 inch projection. Align bottom with bottom edge of door.

##### 2.3.17.2 Overhead Rain Drips

Approximately 1-1/2 inch high by 2-1/2 inch projection, with length equal to overall width of door frame. Align bottom with door frame rabbet.

#### 2.3.18 Special Tools

Provide special tools, such as spanner and socket wrenches and dogging keys, required to service and adjust hardware items.

#### 2.4 FASTENERS

Provide fasteners of proper type, quality, size, quantity, and finish with hardware. Provide stainless steel or nonferrous metal fasteners that are exposed to weather. Provide fasteners of type necessary to accomplish a permanent installation.

#### 2.5 FINISHES

ANSI/BHMA A156.18. Provide hardware in BHMA 630 finish (satin stainless steel), unless specified otherwise. Provide items not manufactured in stainless steel in BHMA 626 finish (satin chromium plated) over brass or bronze, except aluminum paint finish for surface door closers, and except BHMA 652 finish (satin chromium plated) for steel hinges. Provide hinges for exterior doors in stainless steel with BHMA 630 finish or chromium plated brass or bronze with BHMA 626 finish. Furnish exit devices in BHMA 626 finish in lieu of BHMA 630 finish. Match exposed parts of concealed closers to lock and door trim. Match hardware finish for aluminum doors to the doors.

### PART 3 EXECUTION

#### 3.1 INSTALLATION

Install hardware in accordance with manufacturers' printed installation instructions. Fasten hardware to wood surfaces with full-threaded wood screws or sheet metal screws. Provide machine screws set in expansion shields for fastening hardware to solid concrete and masonry surfaces. Provide toggle bolts where required for fastening to hollow core construction. Provide through bolts where necessary for satisfactory installation.

##### 3.1.1 Weather Stripping Installation

Handle and install weather stripping to prevent damage. Provide full contact, weather-tight seals. Operate doors without binding.

##### 3.1.1.1 Stop-Applied Weather Stripping

Fasten in place with color-matched sheet metal screws not more than 9 inch on center after doors and frames have been finish painted.

##### 3.1.2 Soundproofing Installation

Install as specified for stop-applied weather stripping.

##### 3.1.3 Threshold Installation

Extend thresholds the full width of the opening and notch end for jamb stops. Set thresholds in a full bed of sealant and anchor to floor with cadmium-plated, countersunk, steel screws in expansion sleeves.

#### 3.2 FIRE DOORS AND EXIT DOORS

Install hardware in accordance with NFPA 80 for fire doors, NFPA 101 for exit doors.

#### 3.3 HARDWARE LOCATIONS

SDI/DOOR A250.8, unless indicated or specified otherwise.

- a. Kick and Armor Plates: Push side of single-acting doors. Both sides of double-acting doors.
- b. Mop Plates: Bottom flush with bottom of door.

#### 3.4 FIELD QUALITY CONTROL

After installation, protect hardware from paint, stains, blemishes, and other damage until acceptance of work. Submit notice of testing 15 days before scheduled, so that testing can be witnessed by the Contracting Officer. Adjust hinges, locks, latches, bolts, holders, closers, and other items to operate properly. Demonstrate that permanent keys operate respective locks, and give keys to the Contracting Officer. Correct, repair, and finish, as directed, errors in cutting and fitting and damage to adjoining work.

## 3.5 HARDWARE SETS

Provide hardware for doors under this section.

HW-1 Doors: 115,110B,203A,138,140A,162C,221,169,162A,241,252A

1.5 PR Butt Hinges (A1111)  
 1 EA Surface Closer with Overhead Stop  
 1 EA Exit Device: Type 6, Function 04  
 1 Set Weatherstripping  
 1 EA Sweep  
 1 EA Threshold  
 1 SET Door Silencers  
 1 EA Door Rain Drip  
 1 EA Overhead Rain Drip

HW-2 Doors: 110A,203B

3 PR Butt Hinges (A1111)  
 2 EA Surface Closer with Overhead Stop  
 2 EA Exit Device: Type 6, Function 04  
 2 Set Weatherstripping  
 1 EA Astragal  
 1 Coordinator  
 2 EA Sweep  
 1 EA Threshold  
 1 SET Door Silencers  
 2 EA Door Rain Drip  
 1 EA Overhead Rain Drip

HW-3 Doors: 103,104,105,105A,105B,106,107A,107B,109A,109B,218,219,228,236A,235,236B

1.5 PR Butt Hinges (A5111)  
 1 EA Cypher Lock, Lever Trim  
 1 EA Combination Lock (FF-L-2740)  
 1 EA Surface Closer  
 1 EA Floor Stop or Wall Stop (L02141)  
 1 EA Perimeter Sound Proofing Gasket  
 1 EA Automatic Door Bottom  
 1 EA Threshold

HW-4 Doors: 100,101,118,125,128,131,139A,140B,141A,141B,142,145,146A,156,163D,167C,168B,240,243,244,245,251,121,147,143B,258D

1.5 PR Butt Hinges (A5111)  
 1 EA Bored Lever Lockset (Office)  
 1 EA Floor Stop or Wall Stop (L02141)  
 1 Set Door Silencers  
 1 EA Threshold, where different floor finishes meet under door  
 1 EA Closer with Overhead Stop - Door 156

HW-5 Doors 110C,122A,122B,225B,225A

1.5 PR Butt Hinges (A1111)  
 1 EA Surface Closer  
 1 EA Dead Bolt (E0141)  
 1 EA Push Plate (J304)

1 EA Pull plate (J405)  
 1 EA Lever Lockset, Passage (Doors 122B & 225B)  
 1 EA Mop Plate (J103)  
 1 EA Floor Stop or Wall Stop (L02141)  
 1 Set Door Silencers  
 1 EA Threshold, where different floor finishes meet under door

HW-6 Door 130

2 PR Butt Hinges (A5111) 1PR Top, 1PR Bottom  
 1 EA Bored Lever Lockset (Office)  
 1 EA Floor Stop (L02141)  
 1 EA Hinge Door Stop (L02223)  
 1 Set Door Silencers  
 1 EA Surface Bolt (Between Door Leaves)

HW-7 Door 114

3 PR Butt Hinges (A1111)  
 1 Storeroom Lockset  
 1 SET Flush Bolts  
 1 Astragal  
 2 EA Closers with overhead stops and hold open  
 1 Threshold  
 2 EA Door rain drips

HW-8 Doors: 168C,167A,165,163C,253B,254B,256,258C

1.5 PR Butt Hinges (A5111)  
 1 Cypher Lock, Lever  
 1 Combination Lock (FF-L-2740)  
 1 Surface Closer with Overhead Stop

HW-9 Doors: 163A,258B

3 PR Butt Hinges (A1111)  
 1 Cypher Lock, Lever  
 1 Combination Lock (FF-L-2740)  
 2 EA Surface Closer with overhead stop  
 1 Exit device, Type 6, Function 01  
 1 Set Auto Flush Bolts  
 2 Set Weather Stripping  
 1 EA Astragal  
 2 EA Sweep  
 1 EA Threshold  
 2 Door rain drip  
 1 EA Overhead Rain Drip

HW-10 Doors: 163B,167B,168A,253A,254A,258A

1.5 PR Butt Hinges (A1111)  
 1 Cypher Lock, Lever  
 1 Combination Lock (FF-L-2740)  
 1 EA Surface Closer with overhead stop  
 1 Exit device, Type 6, Function 01  
 1 Set Weather Stripping  
 1 EA Sweep  
 1 EA Threshold  
 1 EA Door Rain Drip

1 EA Overhead Rain Drip

HW-11 Doors: 252B

3 PR Butt Hinges (A5111)  
1 Storeroom Lockset  
1 SET Flush Bolts  
2 Closer with overhead stops

HW-12 Door 143A, 162B, 162D

1 EA Cylinder

HW-1 Door 161

1.5 PR Butt Hinges (A5111)  
1 Storeroom Lockset  
1 Wall Stop

-- End of Section --



## SECTION 09 06 90

COLOR SCHEDULE  
05/09

## PART 1 GENERAL

## 1.1 SUMMARY

This section covers only the color of exterior and interior materials and products that are exposed to view in the finished construction. The word "color", as used herein, includes surface color and pattern. Requirements for quality, product specifications, and method of installation are covered in other appropriate sections of the specifications. Specific locations where the various materials are required are shown on the drawings if not identified in this specification. Items not designated for color in this section may be specified in other sections. When color is not designated for items, propose a color for approval.

## PART 2 PRODUCTS

## 2.1 COLOR SCHEDULE

The color schedule information provided in the following paragraphs lists the colors, patterns and textures required for exterior and interior finishes, including both factory applied and field applied colors. Where color is shown as being specific to one manufacturer, an equivalent color by another manufacturer may be submitted for approval. Manufacturers and materials specified are not intended to limit the selection of equal colors from other manufacturers. In the case of difference between the drawings and specifications, colors identified in this specification govern.

## 2.2 EXTERIOR FINISHES

## 2.2.1 Glass and Glazing

Clear anodized aluminum at new windows. See drawings for locations.

## Steel Doors and Door Frames

P2 Sherwin Williams SW7670 Gray Shingle

## 2.2.2 Aluminum Windows (mullion, muntin, sash, trim, and sill)

Clear anodized aluminum at new windows. See drawings for locations.

## 2.2.3 Louvers

Match adjacent material in color.

## 2.2.4 Caulking and Sealants

Match adjacent material in color, or clear, where silicone is specified.

## 2.3 INTERIOR FINISHES

### 2.3.1 Interior Floor Finishes

Provide flooring materials to match the colors listed below.

#### 2.3.1.1 Carpet Tile

C1 - The Mohawk Group - BT299 Higher Thinking Modular - Color:7989  
Synthesis Black Vertical ashlar pattern

#### 2.3.1.2 Vinyl Composition Tile

VCT1-Johnsonite-Azrock Collection-V-205 Beige

VCT2-Johnsonite-Azrock Collection-V-219 Cookie Crumbs

VCT3-Johnsonite-Azrock Collection-V-229 Shuttle Gray

#### 2.3.1.3 Ceramic Floor Tile

CT5-Daltile-Continental Slate-CS57 English Grey

CT6-Daltile-Del Monoco-DM93 Leona Grigio

#### 2.3.1.4 Grout Floor

Use Laticrete-Color-78 Sterling Silver for floor grout  
(Coordinates with CT5 and CT6)

#### 2.3.1.5 Epoxy Floor Coating

Color shall be white

### 2.3.2 Interior Base Finishes

Provide base materials to match the colors listed below.

#### 2.3.2.1 Resilient Base and Moldings

RB1-Johnsonite-40 Black

#### 2.3.2.2 Ceramic Tile

CT5-Continental Slate-DS57-English Gray-6x12 Coved Base

CT6-Daltile-Del Monoco-DM93 Leona Grigio-6x13 Coved Base

#### 2.3.2.3 Wood Base

Stain to match-PL2-Wilsonart-7948K-07 Mambo

### 2.3.3 Interior Wall Finishes

Apply interior wall color to the entire wall surface, including reveals, vertical furred spaces and columns, grilles, diffusers, electrical and access panels, and piping and conduit adjacent to wall surfaces unless otherwise specified. Paint items not specified in other paragraphs to match adjacent wall surface. Provide wall materials to match the colors

listed below.

2.3.3.1 Paint

P1-Sherwin Williams-SW7516-Kestrel White

P2-Sherwin Williams-SW7670 Gray Shingle

P3-Sherwin Williams-SW7072 Online

P4-Sherwin Williams-SW7074 Software

P5-Not Used

P6-Not Used

P7-Not Used

P8-Sherwin Williams-SW6988-Bohemian Black

P9-SherwinWilliams-SW6683-Bee

P10-Sherwin Williams-SW6601 Tanager

2.3.3.2 Ceramic Wall Tile

CT1-Crossville-Color Blox-A1101 Sandbox

CT2-Crossville-Color Blox-A1105 Yellow Brick Road

CT3-Crossville-Color Box-A1119 Night Night

CT4-Not Used

2.3.3.3 Wall Grout

Laticrete-Color: 18 Sauterne

2.3.4 Interior Ceiling Finishes

Apply ceiling colors to ceiling surfaces including soffits, furred down areas, grilles, diffusers, registers, and access panels. In addition, apply ceiling color to joists, underside of roof deck, and conduit and piping where joists and deck are exposed and required to be painted. Provide ceiling materials to match the colors listed below.

2.3.4.1 Acoustical Tile and Grid

Armstrong Ultima - 2' x 2' - Tegular - fine texture with prelude 15/16" suspended grid system.

2.3.4.1.1 Paint Exposed Concrete Ceilings

P1-Sherwin Williams-SW7516-Kestrel White

2.3.5 Interior Trim

Provide interior trim to match the colors listed below.

2.3.5.1 Steel Doors

P2-Sherwin Williams-SW7670 Gray Shingle

2.3.5.2 Steel Door Frames

P8-Sherwin Williams-SW6988 Bohemian Black

2.3.6 Interior Miscellaneous

Provide miscellaneous items to match the colors listed below.

2.3.6.1 Toilet Partitions and Urinal Screens

PL3-Bradley Corp Solid Phenolic Type-Finish-Wilsonart 4886-38  
Pearl Soapstone

2.3.6.2 Casework

PL1-Body of Casework-Formica-6209-43 Prestige Walnut

2.3.6.3 Solid Surfacing Material

SS1-Corian-Color: Maui

2.3.6.4 Chair Rail

Match PL2 (W#ilsonart - 7948K-07 Mambo)

2.3.6.5 Signage Message Color

Off White

2.3.6.6 Signage Background Color

ROICC shall select from standard color palette.

Sign background color shall be black.

Letter color shall be off-white

2.3.6.7 Lockers

L1-Republic Lockers-Color:#94 Jet Black

PART 3 EXECUTION

Refer to drawings for Finish Schedule.

-- End of Section --