GENERAL ARCHITECTURAL SPECIFICATIONS

DIVISION 08 - OPENINGS (CONTINUED....)

Hollow Metal Doors and Frames

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by CECO Door Products, or a comparable product by one of the following:

1. Curries Company
2. Steelcraft
3. Or Approved equal

Products:

A. Standard Hollow Metal Frames
   i. Exterior Frames
   ii. Interior Frames
B. Steel Finishes
   i. Prime Finishes: Doors and frames to be cleaned, and chemically treated to insure maximum finish paint adhesion. Surfaces of the door and frame exposed to view to receive a factory applied coat of rust inhibiting shop primer.
      a. Shop Primer: Manufacturer's standard, fast-curing, lead and chromate free primer complying with ANSI/SDI A250.10 acceptance criteria; recommended by primer manufacturer for substrate; and compatible with substrate and field-applied coatings.

Installation:

Install hollow metal doors and frames according to manufacturers' written instructions.

Sectional Doors

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Overhead Door Corporation, or a comparable product by one of the following:

1. Raynor
2. Or Approved equal

Products:

A. Non-Insulated Steel Sectional Door Model 424
   i. Finish: Factory finished
   ii. Color: White
   iii. Panels: 3 Rows of GL-2 glazing. Top two rows and bottom row to be solid panels. (See Division 8 "Glazing").
   iv. Operator: Chain hoist
   v. Vertical Clearance: Maintain 14'-0" min. clearance required for proper equipment lift operations.

Installation:

Install sectional doors according to manufacturers' written instructions.

Wood Doors

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Graham, or a comparable product by one of the following:

1. Marshfield
2. Eggers Industries
3. Or Approved equal

Products:

A. Interior Solid Core Door
   i. Finish: Painted (See Finish Schedule)
   ii. Grade: Premium
   iii. Wood Species: Rotary Sliced Select White Birch, A grade faces.

B. Light Frames and Glazing
   i. Wood beads for light openings
   ii. Wood Species: Same as door faces
   iii. Profile: Manufacturer's standard lipped profile.
   iv. Glazing: Comply with installation requirements in Division 08 Section "Glazing" and with the flush wood door manufacturer's written instructions.

Installation:

Install wood doors according to manufacturers' written instructions.

Door Hardware

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by the following manufacturers, or approved equal:

1. MK- McKinney
2. AD- Adams Rite
3. YA- Yale
4. RO-Rockwood
5. NO-Norton
6. PE- Pemko

Products:

Set: 1.0
Doors: 1
Description: EXT - ALUM

1	Continuous Hinge	MCK-25HD	CL	MK
1	Deadlatch	4900 x 4591	626D	AD
1	Cylinder	Mort / Cyl as required	626	YA
2	Pull	RM3301-36 Mtg Type 13HD	US32D	RO
1	Surface Closer	CLP8501	689	NO
1	Mtg Plate	as required	689	NO
1	Threshold	271A Pemkote MSES25SS		PE
1	Gasketing	by door / frame mfg		PE
1	Sweep	315CN		PE

Set: 2.0
Doors: 4
Description: WAITING - ALUM

1	Continuous Hinge	MCK-25HD	CL	MK
2	Door Pull	BF168	US32D	RO
1	Surface Closer	8501 Reg / PA	689	NO
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Gasketing	by door / frame mfg		

DIVISION 08 - OPENINGS (CONTINUED....)

Set: 3.0
Doors: 19, 9
Description: EXT - BAYS

4	Hinge	TA2314 NRP 4-1/2" x 4-1/2"	US32D	MK
1	Rim Exit Device	6150 PB427F	630	YA
1	Cylinder	Mort / Cyl as required	626	YA
1	Surface Closer	CLP8501	689	NO
1	Threshold	271A Pemkote MSES25SS		PE
1	Gasketing	S773D		PE
1	Rain Guard	346C x LAR		PE
1	Sweep	315CN		PE

Set: 4.0
Doors: 2, 3
Description: BAYS

4	Hinge	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Cylindrical Lock (classroom)	PB 5408LN	626	YA
1	Surface Closer	8501 Reg / PA	689	NO
1	Kick Plate	K1050 8" X 2" LDW 4BE CSK	US32D	RO
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Gasketing	S773D		PE

Set: 5.0
Doors: 14
Description: BREAK

4	Hinge	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Passage Set	PB 5401LN	626	YA
1	Surface Closer	8501 Reg / PA	689	NO
1	Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1	Kick Plate	K1050 8" X 2" LDW 4BE CSK	US32D	RO
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Gasketing	S773D		PE

Set: 6.0
Doors: 13
Description: OFFICE

4	Hinge	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Cylindrical Lock (entry)	PB 5407LN	626	YA
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Threshold	271A Pemkote MSES25SS		PE
1	Gasketing	S773D		PE
1	Sweep	315CN		PE

Set: 7.0
Doors: 15
Description: SHOP TOILET

4	Hinge	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Cylindrical Lock (privacy)	PB 5402LN	626	YA
1	Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Threshold	271A Pemkote MSES25SS		PE
1	Gasketing	S773D		PE
1	Sweep	315CN		PE

Set: 8.0
Doors: 5
Description: TOILET

4	Hinge	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Cylindrical Lock (privacy)	PB 5402LN	626	YA
1	Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1	Door Stop	409 / 446 [as required]	US32D	RO
1	Gasketing	S773D		PE

Set: 9.0
Doors: 6,7,8,10, 11, 12, 16, 17, 18, 20, 21, 22
Description: OH DOOR

1	Hardware	By door mfg		

Installation:

Install door hardware according to manufacturers' written instructions.

DIVISION 09 - FINISHES

Gypsum Board

Manufacturers::

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Lafarge unless otherwise indicated, or a comparable product by one of the following:

1. Georgia-Pacific
2. USG
3. National Gypsum

Products:

A. Moisture and Mold-Resistant Type: Mold Defense
   i. Thickness: 1/2 inch
   ii. Long Edges: Tapered
   iii. Finish: Level 4 in areas exposed to view. Level 1 in concealed areas.
B. Water-resistant Type: Watercheck (@ Toilet Rooms and behind plumbing fixtures)
   i. Thickness: 1/2 inch
   ii. Long Edges: Tapered
   iii. Finish: Level 4
   iv. Cuts: All cuts in board shall be covered with special waterproofing sealant as recommended by the manufacturer.
C. Corner Trim: DMCT-375 by Fry Reglet (Install at all outside corners of gypsum board walls)

Installation:

Install gypsum board and accessories according to manufacturers' written instructions.

DIVISION 09 - FINISHES (CONTINUED....)

Tiling

Manufacturer:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Daltile, or otherwise indicated.

Products:

A. Ceramic Tile: Heathland HL05
   i. Size: 12"x12"
   ii. Color: Ashland

B. Epoxy Grout: Kerapoxy by MAPEI
   i. Color: 47 Charcoal

Installation:

Install ceramic tile according to manufacturers' written instructions.

Resilient Base

Maufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Roppe, or a comparable product by one of the following:

1. Johnsonite, a Tarkett Company
2. Armstrong World Industries
3. Or Approved equal

Products:

A. Rubber Base: Pinnacle Rubber by Roppe
   i. Height: 4"
   ii. Length: Coils in manufacturer's standard length
   iii. Outside Corners: Job formed
   iv. Inside Corners: Job formed
   v. Color: As indicated on Finish Schedule
B. Adhesives: As recommended by the manufacturer

Installation:

Install resilient base according to manufacturers' written instructions.

Exterior Painting

Manufacturer:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Sherwin Williams.

Products:

A. Masonry: Pro Industrial Pre-Catalyzed Water Based Epoxy Semi-Gloss, K46W151 Series
B. Steel: Pro Industrial Urethane Alkyd Enamel Gloss, B54-150 Series
C. Wood: Pro Industrial Urethane Alkyd Enamel Gloss, B54-150 Series
D. Aluminum: Pro Industrial Urethane Alkyd Enamel Gloss, B54-150 Series

Note: Use 1 coat primer as recommended by manufacturer and 2 finish coats unless otherwise recommended by the manufacturer.

Installation:

Install exterior paint according to manufacturers' written instructions.

Interior Painting

Manufacturer:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Sherwin Williams.

Products:

A. Masonry: Pro Industrial Pre-Catalyzed Water Based Epoxy Semi-Gloss, K46W151 Series
B. Steel: Pro Industrial Urethane Alkyd Enamel Gloss, B54-150 Series
C. Wood: Pro Industrial Urethane Alkyd Enamel Gloss, B54-150 Series
D. Gypsum Board in Office Area: ProMar 200 Zero VOC Interior Latex Egshel, B20W2600 Series
E. Gypsum Board in Bay Area: Pro Industrial Pre-Catalyzed Water Based Epoxy Semi-Gloss, K46W151 Series
F. Concrete Floors (Opaque): ArmorSeal Tread-Plex, B90 Series
G. Concrete Floors (Clear): ArmorSeal Rexthane I Floor Coating + SharkGrip

Note: Use 1 coat primer as recommended by manufacturer and 2 finish coats unless otherwise recommended by the manufacturer.

Installation:

Install interior paint according to manufacturers' written instructions.

DIVISION 10 - SPECIALTIES

Toilet Accessories

The following list of accessories is essentially complete; however, the Contractor shall examine the drawings carefully and shall supply such items not specifically called for to provide a complete installation.

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Bradley Corporation unless otherwise indicated, or a comparable product by one of the following:

1. Bobrick Washroom Equipment, Inc.
2. American Specialties, Inc.
3. Or Approved Equal

Products:

A. Robe Hook: Bradley Model 915.
B. Grab Bars: Bradley Model 9120-00142 and 9120-00[illegible]
C. Toilet Tissue Dispenser: Bradley Model 5[illegible]
D. Mirror: Bradley Model 780-02436
E. Soap Dispenser: Bradley Model 6563
F. Paper Towel Dispenser: Bradley Model 24[illegible]
G. Undersink Lavatory Guard: Truebro Lav Guard II, IPS Corporation
H. Baby Changing Station: Bradley Model 962

Installation:

1. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and heights indicated.

2. Install grab bars to withstand a downward load of at least 250 lbf, when tested according to ASTM F 446.

Fire Extinguishers

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Amerex Corporation, or a comparable product by one of the following:

1. Larsens Manufacturing Company
2. JL Industries
3. Or Approved Equal

Products:

A. ABC Dry Chemical Extinguisher: Amerex Model B456
B. Wall Bracket: Amerex Model 0546 Wall

Installation:

1. Install fire extinguishers in locations and heights indicated and in compliance with requirements of authorities having jurisdiction.

2. Install fire extinguishers and brackets according to manufacturers' written instructions.

Fire Department Lock Box

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Knox, or a comparable product by one of the following:

1. Kidde
2. Or Approved Equal

Products:

A. Lock Box: 3200 Series Hinged Door Surface Mount
   i. Color: Aluminum

Installation:

1. Install fire department lock box in location and height as required by the authorities having jurisdiction.

Attic Access

Manufacturers:

Basis-of-Design Product: Subject to compliance with requirements, provide products indicated below by Werner, or a comparable product by one of the following:

1. Approved Equal

Products:

A. Attic Ladder: WH3008 Ceiling Heavy Duty Wood Attic Ladder by Werner.
   i. Size: 30.5 inches x 54 inches
   ii. Height: 8 feet

Installation:

1. Install attic access according to manufacturer's written instructions.

OTHER ITEMS IF REQUIRED

All exterior signage, light bars, awning / awning lights, and sconces are by others.
All equipment by others.
All furnishings by others.
Automotive rubber floor coating by others.
Interior room signage by others.

NOTE TO ALL CONTRACTORS

Express Oil Change / Tire Engineers specifications may vary from location to location based on requirements. Specifications provided are the general specifications based on the Single Building Prototypical Design. General Contractors may request the Single Building Prototypical Specifications be e-mailed to them per the authorization of Express Oil Change / Tire Engineers. Aho Architects, LLC will not release specifications without the consent of Express Oil Change / Tire Engineers.

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FINAL

No.	Description	Date

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Architectural Specifications

Project number	16031
Date	04/04/2017
Drawn by	ARC
Checked by	TAA

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