

**GENERAL NOTES**

1.0 GENERAL

1.1 JOHNSTON BURKHOLDER ASSOCIATES HAS DESIGNED THE BASE ANCHORAGE FOR THE FIXTURES SHOWN ON THIS INSTALLATION DRAWING TO RESIST SEISMIC LATERAL FORCES. INSTALLATION OF THE FIXTURES SHALL MEET THE LAYOUT SHOWN ON THE FIXTURE LAYOUT PLAN, PROVIDED BY OWNER.

2.0 SLAB AND FOUNDATION

2.1 SLAB ON GRADE IS ASSUMED TO HAVE A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH.

2.2 THE SLAB ON GRADE IS ASSUMED TO BE A MINIMUM OF 4 INCHES THICK, UNREINFORCED AND PLACED OVER A MINIMUM OF 4 INCHES OF DRAINAGE FILL.

2.3 THE SLAB ON GRADE IS DESIGNED TO BEAR ON A NET SOIL BEARING CAPACITY OF 1500 PSF MINIMUM.

3.0 MATERIAL FOR RACKS AND ANCHORAGE

3.1 ALL ANCHORS TO THE SLAB SHALL BE AS NOTED ON THESE PLANS.

3.2 OWNER IS TO PROVIDE MAINTENANCE PER RMI 1.4.1.

3.3 FIXTURE INSTALLER SHALL OBTAIN OUT-OF-PLUMB INSTALLATION TOLERANCE FROM FIXTURE SUPPLIER PRIOR TO INSTALLATION PER RMI, SECTION 1.4.1.1.

3.4 NO FELD WELDING IS PERMITTED. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS, IN AN APPROVED SHOP. USE E70XX WELD RODS OR EQUAL TO TENSILE STRENGTH OF BASE METAL OF WELDMENTS. PER AWS D1.1 OR D1.3.

3.5 PROVIDE 1" AT 120" TALL RACKS AND 4" AT RACKS LESS THAN 120" (OR EQUAL TO 1% OF THE UPRIGHT FRAME HEIGHT). MINIMUM CLEARANCE BETWEEN OTHER RACK FIXTURES OR ADJACENT BUILDING ELEMENTS PER ASCE 7-10, SECTION 15.5.3.8.

4.0 ROLES AND RESPONSIBILITIES FOR DEMOLITION AND INSTALLATION OF SHELVING AND RACKING FIXTURES

4.1 GENERAL CONTRACTOR TO ANCHOR ALL SHELVING AND RACKING FIXTURES ACCORDING TO THE REQUIREMENTS NOTED ON SHEETS FXS1 AND FXS2.

4.2 FIXTURE ANCHORING SHALL BE ACCOMPLISHED SIMULTANEOUSLY WITH FIXTURE INSTALLATION.

4.3 GENERAL CONTRACTOR SHALL ENSURE THAT PROPER PROCEDURES AND WORK SEGREGATION ARE IN PLACE DURING ALL FIXTURE ANCHORING PROCEDURES.

4.4 GENERAL CONTRACTOR TO CLEAN ALL RESIDUE FROM SURROUNDING FIXTURES AND AREA AS ANCHORING IS COMPLETED (CLEAN AS YOU GO).

4.5 GENERAL CONTRACTOR IS TO PERFORM ALL REMOVAL AND INSTALLATION OF ANCHOR STRAPS AND/OR BOLTS AT FIXTURES REQUIRING PERMANENT OR TEMPORARY RELOCATION.

**SPECIAL INSPECTIONS REQUIRED**

SPECIAL INSPECTION AS REQUIRED BY SECTION 1704 OF THE 2012 INTERNATIONAL BUILDING CODE OR BY THE ENGINEER OF RECORD.

**PERIODIC SPECIAL INSPECTIONS:**

1. POST INSTALLED ANCHORS - MECHANICAL - USED FOR THE ANCHORAGE OF STORAGE RACK OR SALES FLOOR SHELVING FIXTURES. PER SECTION 1705.3, TABLE 1705.3(A) AND 1705.11.7 OF THE 2012 INTERNATIONAL BUILDING CODE FOR EACH ANCHOR LISTED IN THE "ANCHOR BOLT DETAIL" ON SHEET FXS2.

2. POST INSTALLED ANCHORS - ADHESIVE - USED FOR THE ANCHORAGE OF STORAGE RACK FIXTURES. PER SECTION 1705.3, TABLE 1705.3(A) AND 1705.11.7 OF THE 2012 INTERNATIONAL BUILDING CODE FOR EACH ANCHOR LISTED IN THE "TYPICAL ANCHOR REPLACEMENT DETAIL" ON SHEET FXS2.

**NOTES:**

1. SPECIAL INSPECTIONS NOTED ABOVE SHALL BE PROVIDED BY, BUT NOT LIMITED TO, THE OWNER'S CONSTRUCTION TESTING LABORATORY (CTL). REFERENCE SPECIFICATIONS FOR DETAILS.

**ANCHORAGE BILL OF MATERIALS**

USAGE	MATERIAL TYPE	COUNT
ANCHOR	DEWALT SCREW BOLT+ - 1/2" DIAMETER x 3" (#PFM1411380)	107
ANCHOR	DEWALT SCREW BOLT+ - 1/4" DIAMETER x 1 3/4" (#PFM1411030)	20
ANCHOR	DEWALT SCREW BOLT+ - 3/8" DIAMETER x 2 1/2" (#PFM1411220)	334
STRAP	ANCHOR STRAPS (GONDOLA)	354
WALL ANCHOR	CMU - 3/8" DIA x 9" ITW RED HEAD LARGE DIAMETER TAPCON (#LDT3850)	47
WALL ANCHOR	MIL STUD WALLS - 1/4" DIA x 6" LAG SCREWS	142

**NOTES:**

1. ANCHOR BOLTS AND STRAPS AS NOTED ARE FURNISHED BY AND INSTALLED BY THE GENERAL CONTRACTOR (GC).

2. ANCHOR STRAP SUPPLIER CONTACT INFORMATION:  
 LOZER: JOSH GOEDKEN, joshua.goedken@lozer.biz, (402) 457-8379  
 MADIX: CHERI BAGLEY, cbagley@madix.com, (266) 839-6354

**TEMPORARY ANCHORAGE BILL OF MATERIALS**

USAGE	MATERIAL TYPE	COUNT
TEMP ANCHOR	DEWALT SCREW BOLT+ - 3/8" DIAMETER x 2 1/2" (#PFM1411220)	206
TEMP STRAP	ANCHOR STRAPS (GONDOLA)	354

**SHELVING FIXTURE & ANCHORAGE SCHEDULE**

FIXTURE MARK	FIXTURE DESCRIPTION	FIXTURE HEIGHT	ANCHORAGE DETAIL
5JK	PHARMACY HALF T-FRAME	84"	1B-FXS2
1B-35X	PHARMACY FULL T-FRAME	84"	1B-FXS2
18R	HALF GONDOLA	48"	1A-FXS2
18S	HALF GONDOLA	54"	1A-FXS2
18T	HALF GONDOLA	60"	1A-FXS2
18V	HALF GONDOLA	66"	1A-FXS2
18W	HALF GONDOLA	84"	1A-FXS2
24R	HALF GONDOLA	84"	1A-FXS2
24V	HALF GONDOLA	78"	1A-FXS2
24W	HALF GONDOLA	84"	1A-FXS2
24X	HALF GONDOLA	90"	1A-FXS2
24XSD	SUPER DUTY HALF GONDOLA	90"	1D-FXS2
36VZ	HALF GONDOLA	120"	1A-FXS2
2478 EC	END CAP	78"	
2490 EC	END CAP	90"	

**DETAILS:**

- (SD) = SUPER DUTY, IF NOTED
- (RX) = PHARMACY, IF NOTED
- ANCHOR BOLT (REF DETAILS)
- SHELVING FIXTURE TYPE MARK AND HEIGHT, PER SCHEDULE (REF DETAILS)
- SHELVING WIDTH (IN INCHES)
- FIXTURE SYMBOL
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- SHELVING WIDTH (IN INCHES)
- FIXTURE SYMBOL

NOTE: ANCHORS SHOWN ABOVE ARE FOR EXAMPLE ONLY. REFER TO PLAN AND DETAILS FOR ACTUAL ANCHOR CONFIGURATION.

**RACK FIXTURE SCHEDULE**

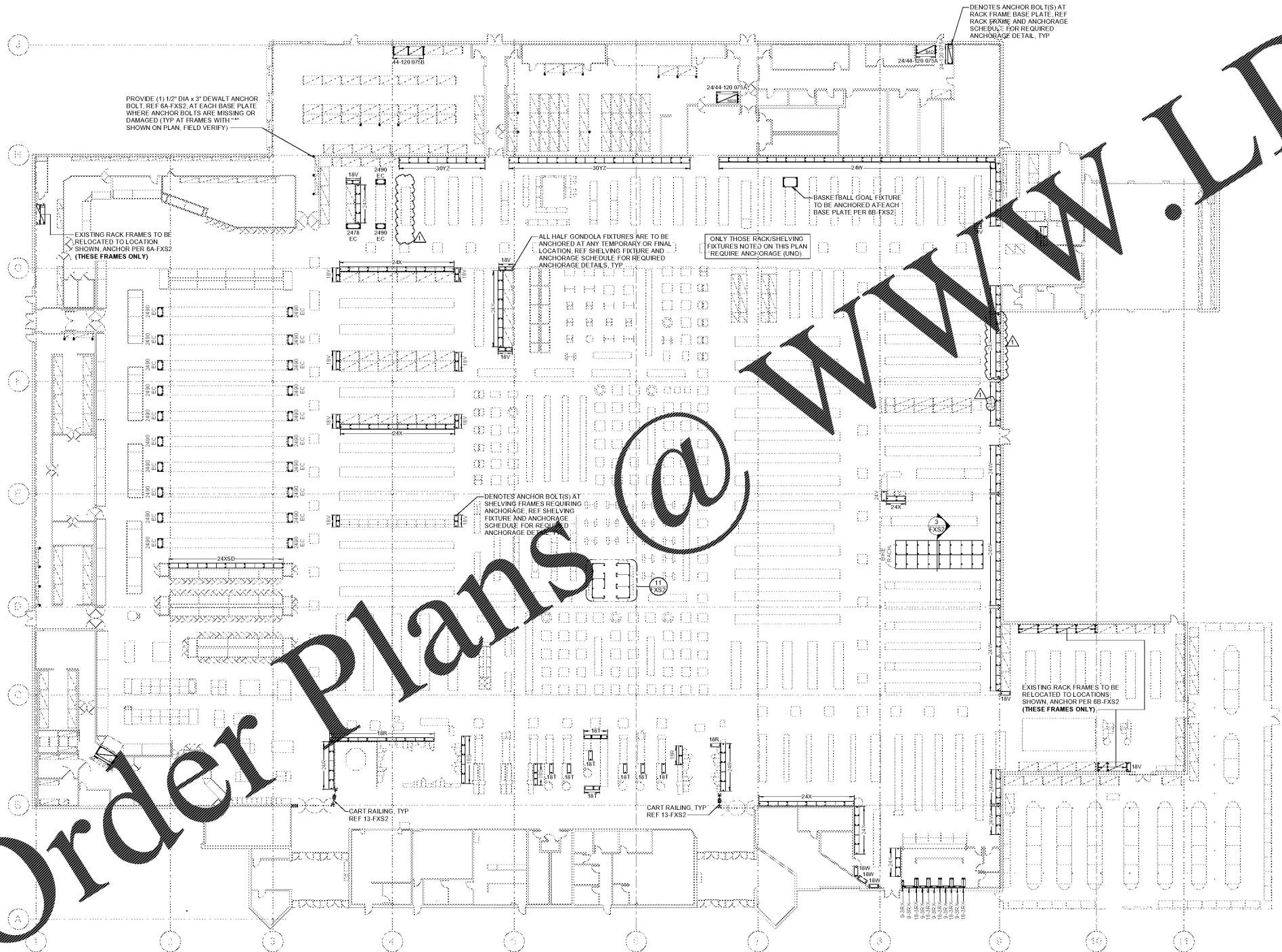
FIXTURE MARK	FIXTURE DESCRIPTION	TOP SHELF HEIGHT	FRAME MARK	MAX SHELF LOAD (LBS)
BAD	DESK STORAGE RACK	120"	DESK 24/44-120/075A	1200
D	STORAGE RACK	120"	FRAME 24-120/075A	1200
M09	DESK STORAGE RACK	120"	DESK 24/44-120/075A	1200
G	STORAGE RACK	72"	FRAME 44-72/075A	1200

**DETAILS:**

- ANCHOR BOLT (REF DETAILS)
- RACK FIXTURE MARK (SHELF CONFIGURATION VARIES - BY OWNER)
- FRAME POST TYPE, REF SCHEDULE (A = UA)
- FRAME POST WALL THICKNESS (INCHES, 075 = 0.075")
- FRAME HEIGHT (IN INCHES)
- FRAME DEPTH (IN INCHES) (24/44" = DESK)
- TYP RACK FIXTURE SYMBOL
- NEW RACK
- EXISTING RACK
- RELOCATED EXISTING RACK
- EXISTING RACK WITH NEW SHELF CONFIGURATION
- EXISTING RACK WITH NEW FRAMES
- RACK SYMBOL LEGEND

**RACK FRAME & ANCHORAGE SCHEDULE**

FRAME MARK	ANCHOR DETAIL	FRAME COUNT
24-120/075A	2-FXS2 & 6A-FXS2	2
24/44-120/075A	2-FXS2 & 6A-FXS2	4
44-72/075A	2-FXS2 & 6A-FXS2	2
44-120/075B	2-FXS2 & 6B-FXS2	3



**1 RACK AND SHELVING FIXTURE ANCHOR PLAN**  
 1" = 20' 0"

**CONSULTANTS**

**JOHNSTON BURKHOLDER ASSOCIATES**  
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**Walmart**  
**JESUP, GA**  
 STORE ICI: 2650  
 JCB NUMBER: 2180278 139 SC GENERAL REMODEL

**ISSUE BLOCK**

1	PR #1	10/26/18

CHECKED BY: DGH  
 DRAWN BY: VH  
 PROTO: 139 SC  
 PROTO CYCLE: 08/31/18  
 DOCUMENT DATE: 10/05/18  
 JBA PROJECT NO: 1835002630

**NOT FOR CONSTRUCTION**

**OWNER PROVIDED INFORMATION**  
 NOT FOR REGULATORY APPROVAL OR PERMITTING

**FIXTURE ANCHORAGE PLAN AND NOTES**

SHEET: **FXS1**