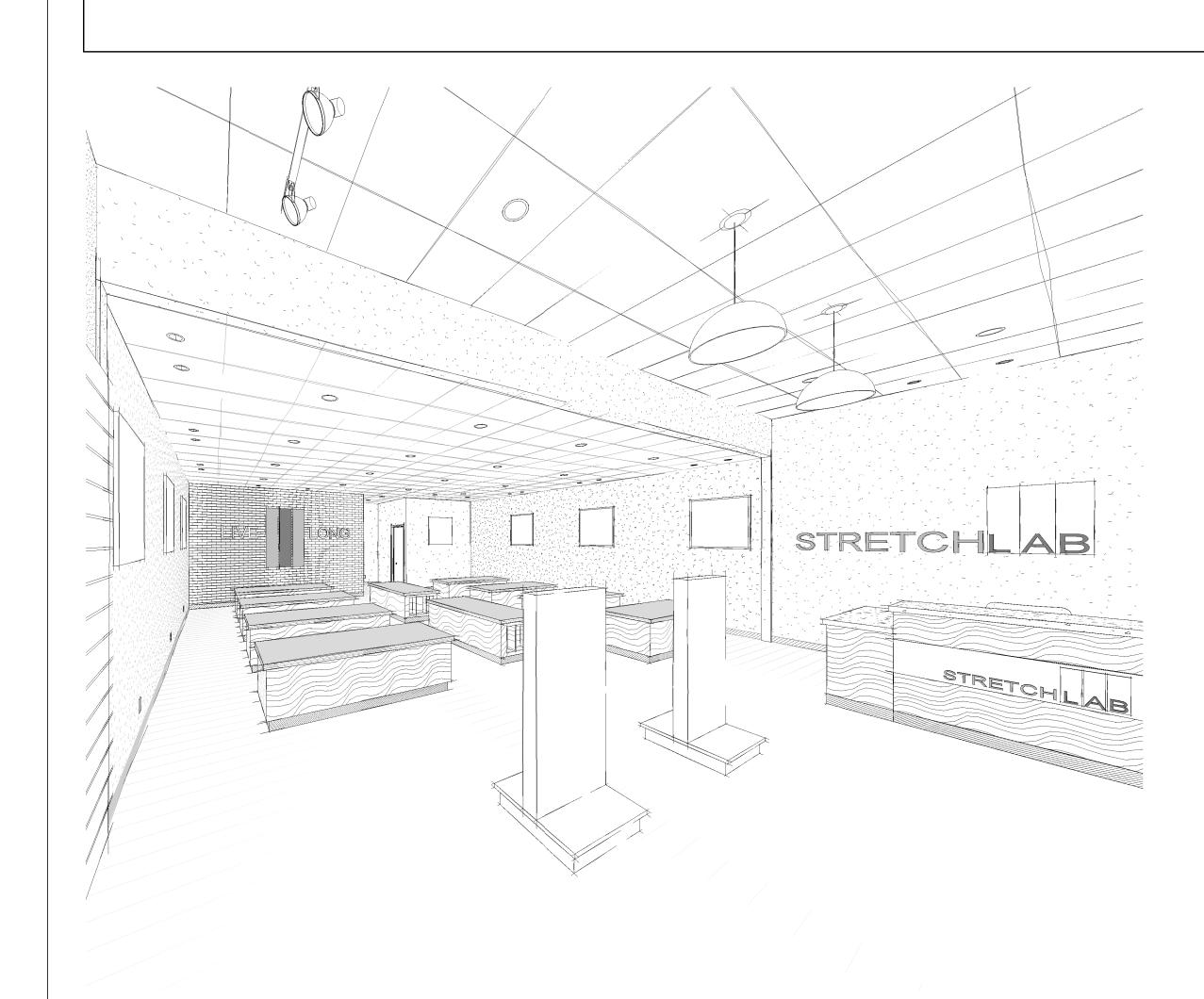


Stretch Lab Renovation

PROJECT NO. 2119

PERMIT DRAWINGS



OVERALL MAP SITE SPECIFIC MAP PROJECT DIRECTORY Contractor, Owner PROJECT LOCATION Grand Construction Company, LLC Contact: Taylor Collins, Representative 4327 S. Jeffrey Drive Baton Rouge, LA 70816 225.505.3082 Taylor@grandconstructionla.com Architect of Record Design Xodus, LLC Contact: John Melancon, Owner Professional of Record: John Melancon, Owner License No.: 8046

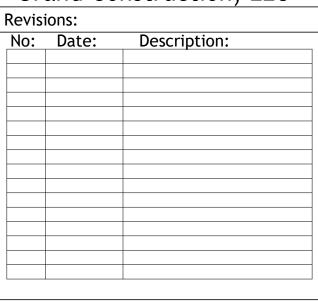


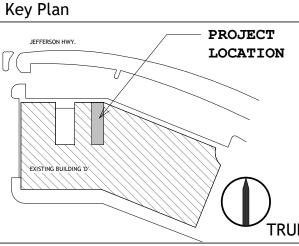
Design XODUS, LLC

email: john@designxodus.com

JOHN MELANCON

OWNER / DEVELOPER Grand Construction, LLC

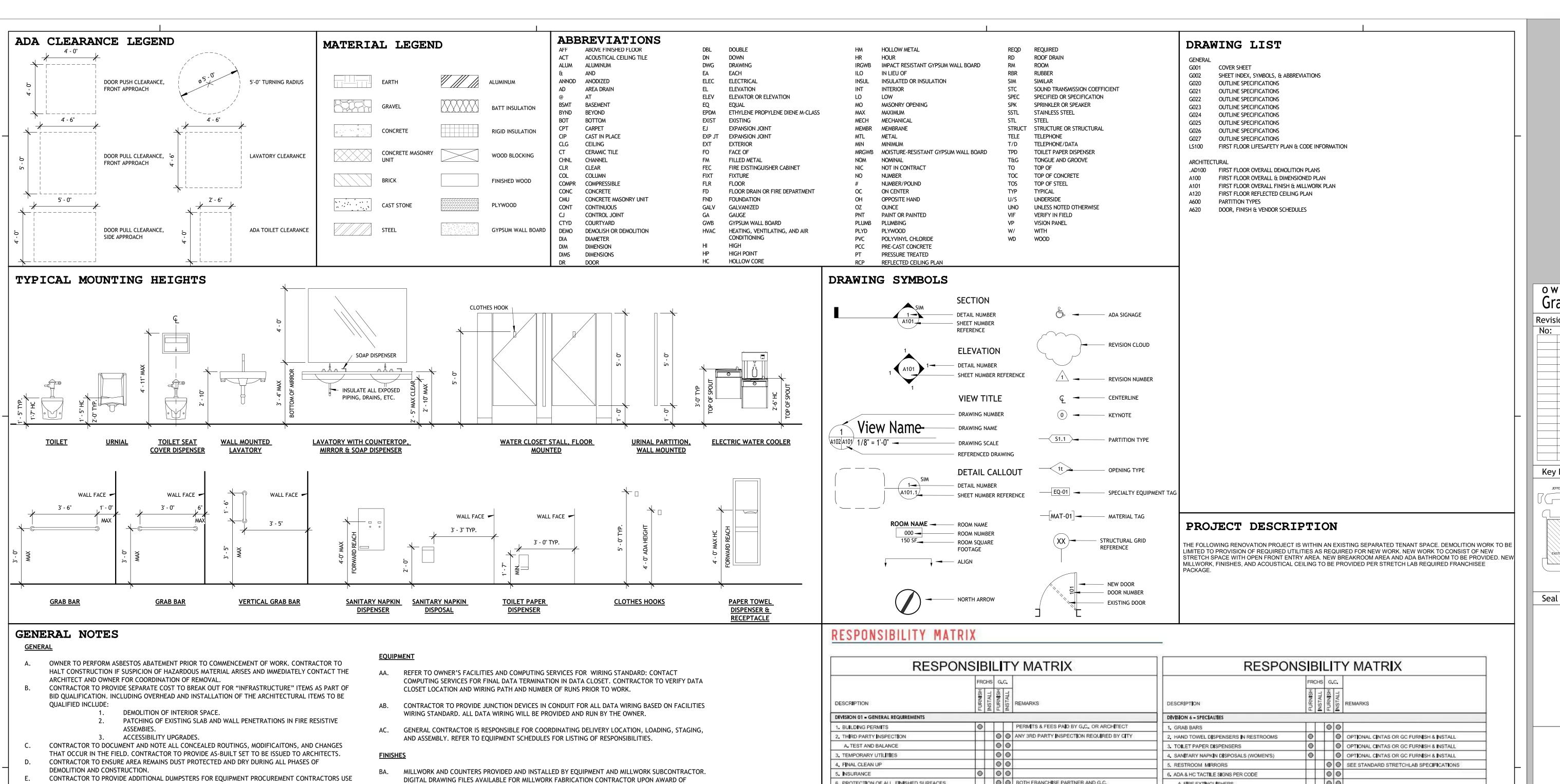






Stretch Lab		Project Location: 7350 Jefferson H
	1" = 200'-0"	

Scale	1" = 200)'-0"		
Graphic Scale	Varie	?S		
Project No.	2119			
Drawn	By: JM	Checked By: JM		
Issued For	PERMIT D	RAWINGS		
Date Issued	12/02/20	21		
Sheet Title	COVER	SHEET		



- DURING CONSTRUCTION.

 F. ALL NEW DATA WIRING WILL BE PROVIDED BY THE OWNER. COORDINATE WITH OWNER'S TECHNICHAL SERVICES. ALL NEW P.O.S. SYSTEM SETUP SHALL BE COORDINATED WITH TECHNICAL SERVICES WTH
- G. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING PARKING WITH OWNER DURING ALL PHASES OF WORK.
 H. CONTRACTOR SHALL NOT SCALE DRAWINGS.

DEMOLITION

- A. CONTRACT DOCUMENTS ARE NOT AS-BUILT DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FULLY EXAMINE THE PROJECT SITE PRIOR TO CONSTRUCTION. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AS WELL AS THE CONDITION AND NATURE OF THE CONSTRUCTION AND AVAILABILITY OF UTILITY SERVICES. ANY AND ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- B. ALL WORK TO BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.C. DO NOT SCALE THE DRAWINGS.
- D. DIMENSIONS ARE TO THE STRUCTURAL GRID OR TO STUD FACE, UNLESS OTHERWISE NOTED.
- E. VERIFY LOCATION OF ALL STRUCTURAL COLUMNS PRIOR TO DEMOLITION.
 F. DASHED LINES INDICATE ITEMS TO BE REMOVED. THIS INCLUDES, BUT IT IS NOT LIMITED TO: WALLS, DOORS, WINDOWS, HVAC, EQUIPMENT, PLUMBING EQUIPMENT, FURNITURE AND MILLWORK.
- G. THE OWNER SHALL IDENTIFY SALVAGED ITEMS BEFORE THE START OF DEMOLITION. GENERAL
 CONTRACTOR TO REMOVE AND STORE ITEMS IDENTIFIED FOR OWNER SCHEDULED PICKUP. ITEMS MARKED
 FOR RELOCATION SHALL BE RETURNED TO THE OWNER.
- H. IN AREAS WHERE DEMOLITION WORK IS REQUIRED, GENERAL CONTRACTORTO PROVIDE PROTECTION TO ADJACENT FINISHES AND TO PATCH SURFACES TO MATCH EXISTING OR NEW FINISHES.
 I. CONTRACTOR TO PROTECT ALL SERVICES WITHIN CONSTRUCTION WORK EXTENTS FROM DAMAGE, DUST,
- AND DEBRIS FOR CONSTRUCTION DURATION.

 J. PROTECT FIRE ALARM AND SPRINKLER SYSTEM IN WORK EXTENTS AGAINST AIRBORNE DEBRIS AND FALSE
- POSITIVES.

 K. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING, CONFIRMING AND TAGGING ALL ACTIVE UTILITIES TO REMAIN THAT RUN THROUGH AREA OF WORK. THIS INCLUDES BUT IS NOT LIMITED TO: SEWAGE, DOMESTIC WATER LINES, HOT WATER PIPING, ELECTRICAL CONDUIT, CONTROL WIRING,
- TELECOMMUNICATIONS WIRING. TAGGING WILL BE USED FOR COORDINATION DURING CONSTRUCTION.
 COORDINATE WITH FACILITIES.
 L. UTILITY LOCATIONS SHOWN ARE DIAGRAMMATIC AND HAVE NOT BEEN INDIVIDUALLY VERIFIED. GENERAL
- CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK.

 M. REMOVE ALL UTILITY LINES SCHEDULED FOR DEMOLITION BACK TO SERVICE ORIGIN. DO NOT ABANDON IN
- PLACE.

 N. COORDINATE STORAGE, LOADING, AND DELIVERIES WITH OWNER.
- O. COORDINATE ALL UTILITY SHUT-DOWNS AND SYSTEM MODIFICATIONS WITH OWNER'S FACILITIES PRIOR TO WORK COMMENCEMENT.
- P. CONTRACTOR IS RESPONSIBLE FOR INCLUDING REQUIRED OVERTIME, COORDINATION AND CONTINGENCY IN GUARANTEED MAXIMUM PRICE TO PERFORM WORK WITHIN SCHEDULE ALLOTTED.
 Q. CHANGES REQUESTED IN THE FIELD BY OWNER SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO

- BA. MILLWORK AND COUNTERS PROVIDED AND INSTALLED BY EQUIPMENT AND MILLWORK SUBCONTRACTOR. DIGITAL DRAWING FILES AVAILABLE FOR MILLWORK FABRICATION CONTRACTOR UPON AWARD OF CONTRACT. CONTACT ARCHITECT VIA CONTRACTOR PRIOR TO FABRICATION TO RECEIVE FILES. STANDARD CAD RELEASE FORM MUST BE COMPLETED PRIOR TO TRANSMISSION OF ANY DIGITAL DRAWINGS. MILLWORK AND EQUIPMENT CONTRACTOR TO SUBMIT SHOP DRAWINGS OF WORK PRIOR TO FABRICATION.
- BB. INTERIOR FINISHES, OTHER THAN TEXTILES, SHALL BE TESTED IN ACCORDANCE WITH NFPA 286.

LIFE SAFETY

- DB. ACCESSIBLE ROUTE OF TRAVEL SLOPES NOT TO EXCEED RUNNING SLOPE OF 1:20 (5.0%) MAX. CROSS SLOPE OF 1:50 (2.0%) MAX.
- DC. SLOPE OF ACCESSIBLE WALK NOT TO EXCEED 1.20 FT MAX (5% SLOPE) AT DOOR THRESHOLD.

UL ASSEMBLIES

- EA. DETAILS PROVIDED REFER TO TYPICAL ASSEMBLY CONDITIONS. CONTACT ARCHITECT WITH DEVIATIONS OR ADDITIONAL CONDITIONS THAN THOSE OUTLINED.
- EB. COORDINATE UL RATINGS IN ASSEMBLIES OF ALL NEW PENETRATIONS IN RATED ASSEMBLIES WITH ARCHITECT AND CONSULTING ENGINEERS.
- EC. WHERE FIRE RESISTANCE RATED ASSEMBLIES ARE INDICATED WITHIN SCOPE OF WORK, CONTRACTOR IS TO VERIFY EXISTING COMPOSITION AND PROVIDE MATERIALS AS NECESSARY TO ENSURE ASSEMBLY RATING IS CONTINUOUS ACROSS SURFACE. NOTIFY ARCHITECT OF CONDITIONS IN THE FIELD PRIOR TO NEW WORK. UL APPROVED ASSEMBLY SYSTEM REQUIRED OF ALL NEW WORK.
- ED. REMOVE ALL EXISTING ABANDONED CONDUIT AND CABLING PENETRATING THROUGH THE SCOPE OF NEW FIRE ASSEMBLIES IF ANY. CONDUIT NOT APPLICABLE TO REMOVAL TO BE FILLED TO ACHIEVE RATING OF OVERALL WALL ASSEMBLY.
- E. ALL LOOSE CABLING TO PASS THROUGH A NEW FIRE ASSEMBLY TO BE HOUSED IN METAL SLEEVES AND FIRE FILLED AND SMOKE SEALED AS DETAILED. NO LOOSE CABLES TO PENETRATE WALL ASSEMBLIES.
- EF. WHERE CLEAN OUTS OCCUR ALONG EXHAUSTING GREASE DUCTS, PROVIDE FIRE-RATED ACCESS PANELS TO MATCH ASSEMBLY RATING. FIELD VERIFY LOCATIONS WITHIN THE SCOPE OF NEW FIRE ASSEMBLIES.

COORDINATE FIRE CAULK APPLICATION MAX BRIDGING GAP WITH MANUFACTURERS REQUIREMENTS.

FIELD VERIFY MAX GAP REQUIREMENTS.

EH. CONTRACTOR TO MARK UL NUMBER RATED WALL ABOVE CEILING FOR INSPECTION PURPOSES.

RESPONS	SIB	IL	IT	Y MATRIX	RESPON	ISIE	3 L	.IT	Y MATR I X
DESCRIPTION		INSTALL SH	INSTALL	REMARKS	DESCRIPTION		INSTALL SE	PURNISH OSTALL NSTALL	REMARKS
DIVISION 01 - GENERAL REQUIREMENTS					DIVISION 6 - SPECIALTIES				
1. BUILDING PERMITS	0	21		PERMITS & FEES PAID BY G.C., OR ARCHITECT	1. GRAB BARS	8 3	-	0 0	
2. THIRD PARTY INSPECTION		0	0	ANY 3RD PARTY INSPECTION REQUIRED BY CITY	2. HAND TOWEL DISPENSERS IN RESTROOMS	0		0	OPTIONAL CINTAS OR GC FURNISH & INSTALL
A. TEST AND BALANCE		_	0		3. TOILET PAPER DISPENSERS	0		0	OPTIONAL CINTAS OR GC FURNISH & INSTALL
3. TEMPORARY UTIL ITI ES		_	0		4. SANITARY NAPKIN DISPOSALS (WOMEN'S)	0		0	OPTIONAL CINTAS OR GC FURNISH & INSTALL
4. FINAL CLEAN UP			0		5. RESTROOM MIRRORS		- 1	0	SEE STANDARD STRETCHLAB SPECIFICATIONS
5. INSURANCE	0	0	0		6. ADA & HC TACTILE SIGNS PER CODE		-	0 0	
6. PROTECTION OF ALL FINISHED SURFACES		0	0	BOTH FRANCHISE PARTNER AND G.C.	A. FIRE EXTINGUISHERS		_	0 0	~
7. TEMPORARY LABOR		•	0		7. ALL SPECIALTY SIGNAGE PER CODE		_	0 0	
8. DUMPSTER		0	0		DIVISION 07 - EQUIPMENT - RECOMMENDED NOT REQUI	RED			
9. STORAGE CONTAINER		_	0		1, SECURITY CAMERAS	0	\Box	Te	FRANCHISE PARTNER OR G.C. CAN INSTALL
DIVISION 02 - WOOD & PLASTICS			-		2. SPEAKERS	0	1	-	FRANCHISE PARTNER OR G.C. CAN INSTALL
1. WOOD FRAMING - STUDS, BACKING	\top	16	0	//	DIVISION 08 - FURNISHINGS	1-1		1.0	7)
2. WOOD CARPENTRY - CASEWORK, MILLWORK G.C. IS RESPONSIBLE FOR RECEIVING, INSTALLING,		1. SIGNAGE	$\overline{}$	Т	\top	SEE STANDARD STRETCHLAB SPECIFICATIONS			
				AND PROTECTING ALL MILLWORK ON SITE, SEE	A EXTERIOR SIGNAGE	0	0		
				MILLWORK SHEET FOR SPECIFIC SIZES AND UNIT DETAILS.	B, LOBBY SIGNAGE	0	_	+	
A, RECEPTION DESK W/ ADA RETURN	0	†	0	G.C. TO SET IN PLACE	C, WALL GRAPHICS	0		+	1
B. STRETCH BEDS	0	+	_	G.C. TO SET IN PLACE	DIVISION 09 - PLUMBING	101	9	-	#
C. BENCH	0	+	_	G.C. TO SET IN PLACE	The state of the s		1	9 0	CEE CTANDARD CTRETCH AR CRECKICATIONS
D. 2 OR 4-WAY DISPLAY	0	+	-	G.C. TO SET IN PLACE	1. WATER CLOSET & LAVATORY 2. FLOWATER	\rightarrow	\rightarrow	9 0	
E, PEDESTAL RETAIL	0	+	-		Z FLOWATER		-1	919	SEE STANDARD STRETCHLAB SPECIFICATIONS
F. SLAT WALL	0		0	G.C. TO SET IN PLACE	DIVISION 10 - HEATING, VENTILATING, AND AIR CONDI	touluc (IVAC	,	
DIVISION 03 - THERMAL AND MOISTURE	101	+	10	G.C. TO SET IN PLACE	- 3	I) DMINOI	_	_	
		Te	0		THERMOSTATS AND REMOTE SENSORS	\rightarrow	_	9 0	
1. ROOFING PENETRATIONS	++	-	10		2. RTU'S	\rightarrow	- 1	0 0	1
2. INSULATION (INTERIOR WALLS)	+++	-	0		3. RTU FILTER & CHANGE AT CONSTRUCTION TURN OVER TO FRANCHISEE		- 19	0 0	2
3. INSULATION (ROOF DECK)		16	10			\perp		\perp	
DIVISION 04 - OPENINGS	1. 1	1		D	DIVISION 11 - ELECTRICAL			_	
1. INTERIOR DOORS & FRAMES	-		9		1, LIGHT FIXTURES	0	-	0	
2. HOLLOW METAL FRAMES		_	0		LIGHT FIXTURE LIGHT BULBS (LAMPS)	0	-	_	SEE STANDARD STRETCHLAB SPECIFICATIONS
3. DOOR HARDWARE	-		0		A. FIRE ALARM SYSTEM (IF REQUIRED)		_ 4	0 0	FRANCHISE PARTNER TO CONFIRM WITH LL
4. ENTRANCES AND STOREFRONT (IF REQ'D)	-		0		DIVISION 12 - COMMUNICATION				
5. MIRRORS			0		TELEPHONE/ INTERNET ROUGH IN & CABLING			9 6	
6. REAR SERVICE DOOR		•	0	Total to brillion and broad to the triber and the triber and the triber and the triber and triber a	2. INTERIOR RECESSED ACCESS PANEL			0 0	
2000 200				ORDER	A, TELEPHONE EQUIPMENT INSTALLATION	0	0		
DIVISION 05 - FINISHES					B. TELEPHONE BACKER BOARD AT DEMARK			0 0	
VINYL FLOORING (LOBBY/RETAIL, EXERCISE AREA)	•		0	MUST BE ORDERED THROUGH REQUIRED VENDOR PER VENDOR LIST	3. AUDIO / VISUAL EQUIPMENT	0	0	0	FRANCHISE PARTNER OR G.C. CAN INSTALL
2. TILE FLOORING (BATHROOM)	0		•	MUST BE ORDERED THROUGH REQUIRED VENDOR PER VENDOR LIST					
3. BRICK VENEER INSTALL	0		0	MUST BE ORDERED THROUGH REQUIRED VENDOR PER VENDOR LIST					
4. TRIMS, TRANSITIONS & SUPPLIES		6	0						



Design // XODUS,

Design XODUS, LLC.
ARCHITECTURE. INTERIOR PLANNING.

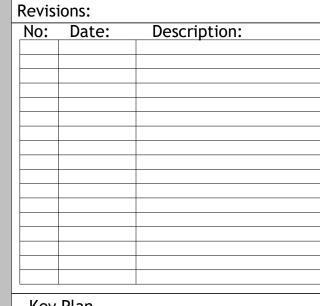
FOODSERVICE DESIGN

JOHN MELANCON

email: john@designxodus.com Zachary, LA 70791

ph: 337.580.2911

OWNER / DEVELOPER
Grand Construction, LLC



Key Plan

PROJECT
LOCATION

EXISTING BUILDING TO

TRU



Stretch Lab
Project Location:

Scale As indicated

Graphic Scale
Project No. 2119

Drawn By: JM Checked By: JM

PERMIT DRAWINGS

Date | 12/02/2021 | CLIEFT INDEX

SYMBOLS, &

Sheet GOO

GENERAL CONDITIONS

SECTION 007200 - GENERAL CONDITIONS

1.01. SUMMARY

A. Related Documents:1. Document 007300 - Supplementary Conditions.

Division 01 - General Requirements.

1.02. DOCUMENT
A. American Institute of Architects (AIA) Document A201-2007, General Conditions of the Contract for Construction, forms a part of this Contract and by reference is incorporated herein as fully as if repeated at length.
END OF DOCUMENT

END OF SECTION 007200

GENERAL CONDITIONS

SECTION 007300 - SUPPLEMENTARY CONDITIONS

1.01. SUMMARYA. Related Documents:

1. Document 007200 - General Conditions.

2. Division 01 - General Requirements. **1.02. GENERAL**

B. The following supplements modify, delete from, or add to the General Conditions referenced above.
C. Where provisions of the General Conditions are modified, unaltered provisions remain in effect.
1.03. SUPPLEMENTS

D. Article 1 - General Provisions:

1.1.9 The term "product" includes materials, systems, and equipment.
1.1.10 The term "furnish" means to supply and deliver to Project site, ready for unloading,

unpacking, assembly, erection, placement or similar requirements.

1.1.11 The term "install" means to unload, unpack, assemble, erect, place, finish, protect,

adjust, and clean, or similar requirements.

1.1.12 The term "provide" means to furnish and install.E. Article 8 - Time:

8.2.4 The Owner will suffer financial loss if Substantial Completion has not been reached on or before the date established in the Bidding Documents by the [Contractor's Schedule], the Contractor shall be liable for and shall pay to the Owner the sum as f fixed and agreed liquidated damages for each day of delay until the project is Substantially Complete as base on AIA Contract form between Owner/Contractor.

F. Article 9 - Payments and Completion:

9.6.8 Until [final payment,] the Owner will retain [10] percent of the amount due the [Contractor] on account of progress payments. [Upon Substantial Completion

retainage will be reduced to [5] percent.]
G. Article 10 - Protection of Persons and Property:
10.3.7 The Contractor shall not knowingly use any materials containing asbestos or other known hazardous materials in the Work.

H. Article 11 - Insurance and Bonds: 11.1.3: The form of the Certificate of Insurance shall be submitted that is acceptable to the

Owner.
11.1.5 Liability insurance shall include all major divisions of coverage and be on a

comprehensive basis including:
.1 Premises-Operations including X, C and U coverages as applicable.
.2 Independent Contractors' Protective.

.2 Independent Contractors' Protective.
.3 Products and Completed Operations.

.4 Personal Injury Liability with Employment Exclusion deleted..5 Contractual, including specified provision for Contractor's obligation under Paragraph 3.18.

.6 Owned, non-owned and hired motor vehicles.
.7 Broad Form Property Damage including Completed Operations."
11.1.6 The insurance required shall be written for not less than the [limits proposed by the

11.1.6 The insurance required shall be written for not less than the [limits proposed by the Contractor and approved by the Owner] or those required by law, whichever is greater [and shall include the following coverages as a minimum]:

.1 Worker's Compensation:

(a) State: Statutory.

(b) Applicable Federal: Statutory.(c) Employer's Liability: \$1,000,000.

(c) Employer's Liability: \$1,000,000.
 Comprehensive or Commercial General Liability including Premises-Operations; Independent Contractors' Protective; Products and Completed Operations; Broad Form Property Damage:

(a) Bodily Injury: \$\$1,000,000 each occurrence; \$2,000,000 aggregate.
(b) Property Damage: \$1,000,000 each occurrence; \$2,000,000 aggregate.

(c) Products and Completed Operations shall be maintained for 3 years after final payment. Provide evidence of coverage on annual basis.

(d) Property Damage Liability: Include X, C and U coverage.(e) Broad Form Property Damage shall include Completed Operations.

(e) Broad Form Property Damage shall include Completed Operatio
 .3 Contractual Liability:
 (a) Bodily Injury: \$1,000,000 each occurrence: \$2,000,000 aggregate

(a) Bodily Injury: \$1,000,000 each occurrence; \$2,000,000 aggregate.
(b) Property Damage: \$1,000,000 each occurrence; \$2,000,000 aggregate.
.4 Personal Injury, with Employment Exclusion deleted: \$2,000,000 aggregate.
.5 Business Automobile Liability including owned, non-owned and hired vehicles:

.5 Business Automobile Liability including owned, non-owned and hired vehicles
(a) Bodily Injury: \$1,000,000 each person; \$1,000,000 each occurrence.
(b) Property Damage: \$1,000,000 each occurrence.

.6 If General Liability coverages are provided by a Commercial Liability policy, the: (a) General Aggregate shall be not less than \$2.000,000 and it shall apply, in total, to this policy only.

(b) Fire Damage Limit shall be not less than \$1,000,000 on any one Fire.(c) Medical Expense Limit shall be not less than \$1,000,000 on any one person..7 Umbrella Excess Liability:

(a) General Aggregate shall be not less than \$2.000,000 and it shall apply, in total,to this policy only

11.4.1 Furnish to Owner performance bond and labor and material payment bond, each equal to the amount of the Contract Sum, with approved surety, covering faithful performance of Contract and payment of obligations incurred in become entitled to liens under the Contract according to provisions of laws of the State in which the project is located. The form of the bonds shall be acceptable to

Owner.

1 The Contractor shall deliver the required bonds to the Owner not later than three days following the date of execution of the Owner-Contractor Agreement, or if the Work is to be commenced prior thereto in response to a letter of intent, the Contractor shall, prior to commencement of the Work, submit evidence

satisfactory to the Owner that such bonds will be furnished..2 The Contractor shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of

attorney.

I. Article 13 - Miscellaneous Provisions:

J. Article 15 - Claims and Disputes:

END OF SECTION 007300

13.8 Equal Opportunity
13.8.1 The [Contractor] and Subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, or national origin. The [Contractor] [Construction Manager] shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religion, color, sex, or national origin. Such action shall include, but not be limited to, the following: employment ungrading demetion or transfer recenitment or recenitment.

the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The [Contractor] agrees to post in conspicuous places, available to employees and applicants for employment, notices setting

forth the policies of nondiscrimination.

13.8.2 The [Contractor] and Subcontractors shall, in all solicitations or advertisements for employees placed by them or on their behalf, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, or national origin.]

15.1.5.3 Extensions of time because of inclement weather will be granted only for the following conditions at the site:

nditions at the site:
1. Precipitation, defined as [0.1] inch or more of rain, snow, or ice, exceeds the mean for that month as published by the National Oceanic and Atmospheric

Administration for the closest reporting station to the Project.

2 Freezing weather, defined as a high daytime temperature of [32] degrees F or below, exceeds the mean for that month as published by the National Oceanic and Atmospheric Administration for the closest reporting station to the Project.

.3 Sustained winds exceeding [25] MPH.

.4 Mud.

.5 Standing snow of [1 inch] or more..6 Claims shall be in whole or half day increments. If both precipitation and freezing weather exceed the norm for any given day, only one day will be counted.

GENERAL CONDITIONS

SECTION 011000 - SUMMARY

1.1 RELATED DOCUMENTS
 A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

A. Section Includes:

PART 1 - GENERAL

Project information.
 Work covered by Contract Documents.

Work under separate contracts.
 Access to site.
 Coordination with occupants.

5. Coordination with occupants.6. Work restrictions.

7. Specification and drawing conventions.8. Miscellaneous provisions.1.3 PROJECT INFORMATION

A. Project Identification: Audubon Facial Plastics Clinic Renovation

1. Project Location: 6001 Magazine Street Suite D, New Orleans, LA 70118

B. Client: Caleb and Claire Melancon

1. Owner's Representative: Caleb & Claire Melancon

C. Architect: John Melancon, Design Xodus LLC, 6244 Summerlin Drive, Zachary, LA 70791 Retain "Architect's Consultants" Paragraph below if providing contact information for Architect's consultants for Project use.

D. Architect's Consultants: The Architect has retained the following design professionals who have prepared designated portions of the Contract Documents:

1. Mechanical, Plumbing, Electrical Consultant: Michael Doyle, AST Engineers, 8417 Kelwood Avenue, Baton Rouge, LA 70806. (225) 926-5600, HYPERLINK "mailto:mdoyle@astengineers.us" mdoyle@astengineers.us

Structural Engineer: Jacque "Jack" Lasseigne, PE, Wardlaw & Lasseigne, 554 Colonial Drive Baton Rouge, LA 70806,Office: (225)-926-1432, Email: HYPERLINK "mailto:Jacque@wl-structure.com" <u>Jacque@wl-structure.com</u>
 Contractor: A contractor has yet to be engaged for this project.

F. Project Web Site: A project Web site administered by Architect will be used for purposes of managing communication and documents during the construction stage.
 Retain subparagraph below and coordinate specific Contractor requirements related to Project Web site with Section 013100 "Project Management and Coordination."
 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:
1. The following project consists of a renovation leased space for new Facial Plastics clinic.
Occupancy to be Business with Class A Surgery.

A. General: Contractor shall have limited use of Project site for construction operations as indicated by the OWNER and as indicated by requirements of this Section.

by the OWNER and as indicated by requirements of this Section.B. Use of Site: Limit use of Project site to work in areas indicated by Owner. Do not disturb portions of Project site beyond areas in which the Work is indicated.

Limits: Confine construction operations to areas designated on drawings.
 Driveways, Walkways and Entrances: Keep driveway, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.

 Schedule deliveries to minimize use of driveways and entrances by construction

operations.
b. Schedule deliveries to minimize space and time requirements for storage of

materials and equipment on-site.

C. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weather tight condition throughout construction period. Repair damage caused by

operations in a weather tight condition throughout construction period. Repair damage caused be construction operations.

1.6 COORDINATION WITH OCCUPANTS

A. Full Owner Occupancy: Owner will not occupy site during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated.

Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and approval of authorities having jurisdiction.
 Notify Owner not less than 72 hours in advance of activities that will affect Owner's

1.7 WORK RESTRICTIONSA. Work Restrictions, General: Comply with restrictions on construction operations.

Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
 On-Site Work Hours: Comply with regulations set forth by owner. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the

following conditions and then only after providing temporary utility services according to requirements indicated:

1. Notify Architect and Owner not less than two days in advance of proposed utility interruptions.

Obtain Owner's written permission before proceeding with utility interruptions.
 Retain "Noise, Vibration, and Odors" Paragraph below for work in or near occupied facilities.

D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
1. Notify Architect and Owner not less than two days in advance of proposed disruptive operations.

Obtain Owner's written permission before proceeding with disruptive operations.

Potoin "Nonemoking Building" Pergaraph below if required for LEED.

Retain "Nonsmoking Building" Paragraph below if required for LEED.

E. Nonsmoking Building: Smoking is not permitted within the building or within 25 feet of entrances, operable windows, or outdoor-air intakes.Retain remaining paragraphs to correspond to Owner's requirements.

F. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted. Insert additional paragraphs to specify restrictions on Contractor's use of premises or to specify limitations because of Owner occupancy.
 1.8 SPECIFICATION AND DRAWING CONVENTIONS

A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations.
 These conventions are as follows:
 1. Imperative mood and streamlined language are generally used in the Specifications. The

words "shall," "shall be," or "shall comply with," depending on the context, are implied

2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
 B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.Retain "Drawing Coordination" Paragraph below to explain relationship between Drawing information and Specification content.

C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Drawings. One or more of the following are used on Drawings to identify materials and products:

Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.

individual Specifications Sections.Abbreviations: Materials and products are identified by abbreviations scheduled on Drawings.

3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

END OF SECTION 011000

GENERAL CONDITIONS

SECTION 012500 - SUBSTITUTION PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTSA. Drawings and general provisions of the Contract, including General and Supplementary

Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARYA. Section includes administrative and procedural requirements for substitutions.

A. Section includes administrative and procedural requirements for substitutions.
 1.3 DEFINITIONS
 A. Substitutions: Changes in products, materials, equipment, and methods of construction from those

required by the Contract Documents and proposed by Contractor.

1. Substitutions for Cause: Changes proposed by Contractor that are required due to

changed Project conditions, such as unavailability of product, regulatory changes, or unavailability of required warranty terms.
2. Substitutions for Convenience: Changes proposed by Contractor or Owner that are not required in order to meet other Project requirements but may offer advantage to Contractor

or Owner.

1.4 ACTION SUBMITTALS

A. Substitution Requests: Submit three copies of each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and

Drawing numbers and titles.

1. Substitution Request Form: Use facsimile of form provided in Project Manual.

Documentation: Show compliance with requirements for substitutions and the following, as applicable:

 Statement indicating why specified product or fabrication or installation cannot be provided, if applicable.

b. Coordination information, including a list of changes or revisions needed to other parts of the Work and to construction performed by Owner and separate contractors, that will be necessary to accommodate proposed substitution.
c. Detailed comparison of significant qualities of proposed substitution with those of the Work specified. Include annotated copy of applicable Specification Section. Significant qualities may include attributes such as performance, weight, size,

specified.
d. Product Data, including drawings and descriptions of products and fabrication and

features and requirements indicated. Indicate deviations, if any, from the Work

durability, visual effect, sustainable design characteristics, warranties, and specific

e. Samples, where applicable or requested.

installation procedures.

f. Certificates and qualification data, where applicable or requested.
g. List of similar installations for completed projects with project names and

addresses and names and addresses of architects and owners.
h. Material test reports from a qualified testing agency indicating and interpreting test results for compliance with requirements indicated.
i. Research reports evidencing compliance with building code in effect for Project.

from ICC-ES.

j. Detailed comparison of Contractor's construction schedule using proposed substitution with products specified for the Work, including effect on the overall Contract Time. If specified product or method of construction cannot be provided within the Contract Time, include letter from manufacturer, on manufacturer's letterhead, stating date of receipt of purchase order, lack of availability, or delays in

k. Cost information, including a proposal of change, if any, in the Contract Sum.
l. Contractor's certification that proposed substitution complies with requirements in the Contract Documents except as indicated in substitution request, is compatible with related materials, and is appropriate for applications indicated.

become necessary because of failure of proposed substitution to produce indicated results.

3. Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within seven days of receipt of a request for substitution.

m. Contractor's waiver of rights to additional payment or time that may subsequently

days of receipt of request, or seven days of receipt of additional information or documentation, whichever is later.

a. Forms of Acceptance: Change Order, Construction Change Directive, or Architect's Supplemental Instructions for minor changes in the Work.

b. Use product specified if Architect does not issue a decision on use of a proposed

Architect will notify Contractor of acceptance or rejection of proposed substitution within 15

substitution within time allocated.

1.5 QUALITY ASSURANCE

A. Compatibility of Substitutions: Investigate and document compatibility of proposed substitution with related products and materials. Engage a qualified testing agency to perform compatibility tests

1.6 PROCEDURESA. Coordination: Revise or adjust affected work as necessary to integrate work of the approved substitutions.

recommended by manufacturers.

Documents.

END OF SECTION 012500

PART 2 - PRODUCTS
2.1 SUBSTITUTIONS
A. Substitutions for Cause: Submit requests for substitution immediately on discovery of need for change, but not later than 15 days prior to time required for preparation and review of related

bmittals.

1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:

indicated results.b. Substitution request is fully documented and properly submitted.c. Requested substitution will not adversely affect Contractor's construction

a. Requested substitution is consistent with the Contract Documents and will produce

 Requested substitution has received necessary approvals of authorities having jurisdiction.

e. Requested substitution is compatible with other portions of the Work.
f. Requested substitution has been coordinated with other portions of the Work.
g. Requested substitution provides specified warranty.

h. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

B. Substitutions for Convenience: Architect will consider requests for substitution if received within 30 days after the Notice to Proceed. Requests received after that time may be considered or rejected

at discretion of Architect.

1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return

requests without action, except to record noncompliance with these requirements:

a. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities

Owner must assume. Owner's additional responsibilities may include compensation to Architect for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.

b. Requested substitution does not require extensive revisions to the Contract

c. Requested substitution is consistent with the Contract Documents and will produce indicated results

indicated results.d. Substitution request is fully documented and properly submitted.

e. Requested substitution will not adversely affect Contractor's construction schedule.f. Requested substitution has received necessary approvals of authorities having

compatible with other products, and is acceptable to all contractors involved.

jurisdiction.
g. Requested substitution is compatible with other portions of the Work.

h. Requested substitution has been coordinated with other portions of the Work.
i. Requested substitution provides specified warranty.
j. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is



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Grand Construction, LLC Revisions:

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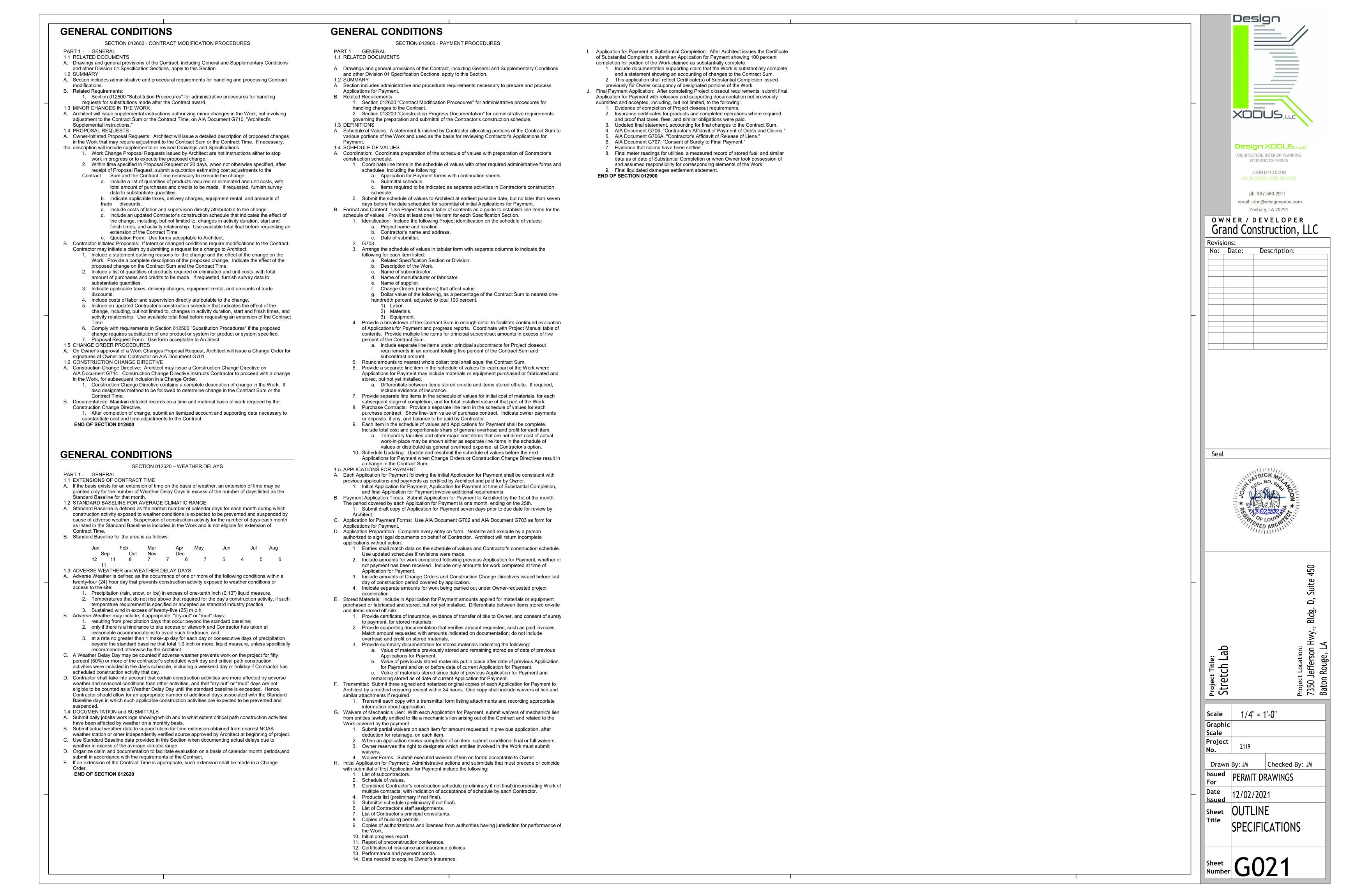
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Drawn By: JM Checked By: JM Issued For PERMIT DRAWINGS

Date 12/02/2021

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GENERAL CONDITIONS SECTION 013100 - PROJECT MANAGEMENT AND COORDINATION 11. Contractor's suggested resolution. If Contractor's suggested resolution impacts the PART 1 - GENERAL 1.1 RELATED DOCUMENTS Contract Time or the Contract Sum, Contractor shall state impact in the RFI. A. Drawings and general provisions of the Contract, including General and Supplementary Conditions 12. Contractor's signature. and other Division 01 Specification Sections, apply to this Section. 13. Attachments: Include sketches, descriptions, measurements, photos, Product Data, Shop Drawings, coordination drawings, and other information necessary to fully describe items 1.2 SUMMARY A. Section includes administrative provisions for coordinating construction operations on Project needing interpretation. a. Include dimensions, thicknesses, structural grid references, and details of affected including, but not limited to, the following: 1. General coordination procedures. materials, assemblies, and attachments on attached sketches. Coordination drawings. C. RFI Forms: AIA Document G716. Requests for Information (RFIs). . Attachments shall be electronic files in Adobe Acrobat PDF format. Project Web site D. Architect's Action: Architect will review each RFI, determine action required, and respond. Allow seven working days for Architect's response for each RFI. RFIs received by Architect after 1:00 5. Project meetings. B. Each contractor shall participate in coordination requirements. Certain areas of responsibility are p.m. will be considered as received the following working day. 1. The following Contractor-generated RFIs will be returned without action: assigned to a specific contractor. C. Related Requirements: Requests for approval of submittals. 1. Section 013200 "Construction Progress Documentation" for preparing and submitting Requests for approval of substitutions Contractor's construction schedule. Requests for approval of Contractor's means and methods. 2. Section 017300 "Execution" for procedures for coordinating general installation and field-Requests for coordination information already indicated in the Contract engineering services, including establishment of benchmarks and control points. Documents. 3. Section 017700 "Closeout Procedures" for coordinating closeout of the Contract. e. Requests for adjustments in the Contract Time or the Contract Sum. 1.3 DEFINITIONS Requests for interpretation of Architect's actions on submittals. A. RFI: Request from Owner, Architect, or Contractor seeking information required by or clarifications g. Incomplete RFIs or inaccurately prepared RFIs. of the Contract Documents. Architect's action may include a request for additional information, in which case Architect's 1.4 INFORMATIONAL SUBMITTALS time for response will date from time of receipt of additional information. A. Subcontract List: Prepare a written summary identifying individuals or firms proposed for each 3. Architect's action on RFIs that may result in a change to the Contract Time or the Contract portion of the Work, including those who are to furnish products or equipment fabricated to a special Sum may be eligible for Contractor to submit Change Proposal according to design. Include the following information in tabular form: Section 012600 "Contract Modification Procedures." Name, address, and telephone number of entity performing subcontract or supplying a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Architect in writing within 10 days of receipt of the RFI 2. Number and title of related Specification Section(s) covered by subcontract. 3. Drawing number and detail references, as appropriate, covered by subcontract. E. RFI Log: Prepare, maintain, and submit a tabular log of RFIs organized by the RFI number. Submit Key Personnel Names: Within 15 days of starting construction operations, submit a list of key log weekly. Include the following: personnel assignments, including superintendent and other personnel in attendance at Project site. Project name. Name and address of Contractor. Identify individuals and their duties and responsibilities; list addresses and telephone numbers, including home, office, and cellular telephone numbers and e-mail addresses. Provide names, Name and address of Architect. RFI number including RFIs that were returned without action or withdrawn. addresses, and telephone numbers of individuals assigned as alternates in the absence of individuals assigned to Project. RFI description. Date the RFI was submitted 1. Post copies of list in project meeting room, in temporary field office, on Project Web site, and by each temporary telephone. Keep list current at all times. 7. Date Architect's response was received. 1.5 GENERAL COORDINATION PROCEDURES F. On receipt of Architect's action, update the RFI log and immediately distribute the RFI response to A. Coordination: Coordinate construction operations included in different Sections of the Specifications affected parties. Review response and notify Architect within seven days if Contractor disagrees to ensure efficient and orderly installation of each part of the Work. Coordinate construction with response. operations, included in different Sections, that depend on each other for proper installation, 1. Identification of related Minor Change in the Work, Construction Change Directive, and connection, and operation. Proposal Request, as appropriate. 2. Identification of related Field Order, Work Change Directive, and Proposal Request, as 1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or appropriate. 1.8 PROJECT WEB SITE after its own installation 2. Coordinate installation of different components to ensure maximum performance and A. Use Architect's Project Web site for purposes of hosting and managing project communication and accessibility for required maintenance, service, and repair. documentation until Final Completion. Project Web site shall include the following functions: 3. Make adequate provisions to accommodate items scheduled for later installation. Project directory. B. Prepare memoranda for distribution to each party involved, outlining special procedures required for Meeting minutes. coordination. Include such items as required notices, reports, and list of attendees at meetings. RFI forms and logs. 1. Prepare similar memoranda for Owner and separate contractors if coordination of their Photo documentation Work is required. Submittals forms and logs. C. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures Payment application forms. with other construction activities to avoid conflicts and to ensure orderly progress of the Work. Drawing and specification document viewing. Such administrative activities include, but are not limited to, the following: Reminder and tracking functions. Preparation of Contractor's construction schedule. 9. Archiving functions. Preparation of the schedule of values. B. On completion of Project, provide one complete archive copy(ies) of Project Web site files to Owner 3. Installation and removal of temporary facilities and controls. and to Architect in a digital storage format acceptable to Architect. 4. Delivery and processing of submittals. 1.9 PROJECT MEETINGS A. General: Schedule and conduct meetings and conferences at Project site unless otherwise Progress meetings. Preinstallation conferences. 1. Attendees: Inform participants and others involved, and individuals whose presence is Project closeout activities. 8. Startup and adjustment of systems. required, of date and time of each meeting. Notify Owner and Architect of scheduled 1.6 COORDINATION DRAWINGS meeting dates and times. A. Coordination Drawings, General: Prepare coordination drawings according to requirements in 2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees. 3. Minutes: Entity responsible for conducting meeting will record significant discussions and individual Sections, and additionally where installation is not completely shown on Shop Drawings, agreements achieved. Distribute the meeting minutes to everyone concerned, including where limited space availability necessitates coordination, or if coordination is required to facilitate integration of products and materials fabricated or installed by more than one entity. Owner and Architect, within five days of the meeting. 1. Content: Project-specific information, drawn accurately to a scale large enough to indicate Preconstruction Conference: Schedule and conduct a preconstruction conference before starting and resolve conflicts. Do not base coordination drawings on standard printed data. Include construction, at a time convenient to Owner and Architect, but no later than 15 days after execution the following information, as applicable: of the Agreement. Use applicable Drawings as a basis for preparation of coordination drawings Conduct the conference to review responsibilities and personnel assignment Attendees: Authorized representatives of Owner, Architect, and their consultants; Prepare sections, elevations, and details as needed to describe relationship of Contractor and its superintendent; major subcontractors; suppliers; and other concerned various systems and components. b. Coordinate the addition of trade-specific information to the coordination drawings parties shall attend the conference. Participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work. by multiple contractors in a sequence that best provides for coordination of the 3. Agenda: Discuss items of significance that could affect progress, including the following: information and resolution of conflicts between installed components before submitting for review. Tentative construction schedule. c. Indicate functional and spatial relationships of components of architectural, Critical work sequencing and long-lead items. structural, civil, mechanical, and electrical systems. Designation of key personnel and their duties. d. Lines of communications. d. Indicate space requirements for routine maintenance and for anticipated Procedures for processing field decisions and Change Orders. replacement of components during the life of the installation. e. Show location and size of access doors required for access to concealed Procedures for RFIs. Procedures for testing and inspecting. dampers, valves, and other controls. Procedures for processing Applications for Payment. Indicate required installation sequences. g. Indicate dimensions shown on the Drawings. Specifically note dimensions that Distribution of the Contract Documents. appear to be in conflict with submitted equipment and minimum clearance Submittal procedures. Preparation of record documents. requirements. Provide alternate sketches to Architect indicating proposed resolution of such conflicts. Minor dimension changes and difficult installations will Use of the premises and existing building. not be considered changes to the Contract. m. Work restrictions. B. Coordination Drawing Organization: Organize coordination drawings as follows: n. Working hours. 1. Floor Plans and Reflected Ceiling Plans: Show architectural and structural elements, and o. Owner's occupancy requirements. mechanical, plumbing, fire-protection, fire-alarm, and electrical Work. Show locations of Responsibility for temporary facilities and controls. visible ceiling-mounted devices relative to acoustical ceiling grid. Supplement plan Procedures for moisture and mold control. drawings with section drawings where required to adequately represent the Work. Procedures for disruptions and shutdowns. Mechanical Rooms: Provide coordination drawings for mechanical rooms showing plans s. Parking availability. and elevations of mechanical, plumbing, fire-protection, fire-alarm, and electrical Office, work, and storage areas. u. Equipment deliveries and priorities. 3. Mechanical and Plumbing Work: Show the following: v. First aid. a. Sizes and bottom elevations of ductwork, piping, and conduit runs, including w. Security. insulation, bracing, flanges, and support systems. x. Progress cleaning. b. Dimensions of major components, such as dampers, valves, diffusers, access 4. Minutes: Entity responsible for conducting meeting will record and distribute meeting doors, cleanouts and electrical distribution equipment. C. Preinstallation Conferences: Conduct a preinstallation conference at Project site before each c. Fire-rated enclosures around ductwork. construction activity that requires coordination with other construction. 4. Electrical Work: Show the following: a. Runs of vertical and horizontal conduit 1-1/4 inches (32 mm) in diameter and 1. Attendees: Installer and representatives of manufacturers and fabricators involved in or affected by the installation and its coordination or integration with other materials and b. Light fixture, exit light, emergency battery pack, smoke detector, and other fireinstallations that have preceded or will follow, shall attend the meeting. Advise Architect of alarm locations. scheduled meeting dates. c. Panel board, switch board, switchgear, transformer, busway, generator, and motor Agenda: Review progress of other construction activities and preparations for the particular activity under consideration, including requirements for the following: d. Location of pull boxes and junction boxes, dimensioned from column center lines. a. Contract Documents. 5. Fire-Protection System: Show the following: b. Related RFIs. a. Locations of standpipes, mains piping, branch lines, pipe drops, and sprinkler Related Change Orders. d. Purchases. 6. Review: Architect will review coordination drawings to confirm that the Work is being Deliveries. coordinated, but not for the details of the coordination, which are Contractor's responsibility. Submittals. If Architect determines that coordination drawings are not being prepared in sufficient Review of mockups. scope or detail, or are otherwise deficient, Architect will so inform Contractor, who shall Possible conflicts. make changes as directed and resubmit. Compatibility requirements. Coordination Drawing Prints: Prepare coordination drawing prints according to Time schedules. requirements in Section 013300 "Submittal Procedures." Weather limitations. 1.7 REQUESTS FOR INFORMATION (RFIs) Manufacturer's written instructions. A. General: Immediately on discovery of the need for additional information or interpretation of the m. Warranty requirements. Contract Documents, Contractor shall prepare and submit an RFI in the form specified. n. Compatibility of materials. 1. Architect will return RFIs submitted to Architect by other entities controlled by Contractor Acceptability of substrates. Temporary facilities and controls. 2. Coordinate and submit RFIs in a prompt manner so as to avoid delays in Contractor's work Space and access limitations. or work of subcontractors. Regulations of authorities having jurisdiction. B. Content of the RFI: Include a detailed, legible description of item needing information or Testing and inspecting requirements. interpretation and the following: Installation procedures Coordination with other work Project name. Required performance results. Project number. w. Protection of adjacent work. Date. Name of Contractor. x. Protection of construction and personnel. Name of Architect. Record significant conference discussions, agreements, and disagreements, including RFI number, numbered sequentially. required corrective measures and actions. RFI subject. Reporting: Distribute minutes of the meeting to each party present and to other parties 8. Specification Section number and title and related paragraphs, as appropriate. requiring information. 5. Do not proceed with installation if the conference cannot be successfully concluded. 9. Drawing number and detail references, as appropriate. 10. Field dimensions and conditions, as appropriate. END OF SECTION 013100 Initiate whatever actions are necessary to resolve impediments to performance of the Work

and reconvene the conference at earliest feasible date.

D. Project Closeout Conference: Schedule and conduct a project closeout conference, at a time Substantial Completion. **END OF SECTION 013100**

closeout

the following:

convenient to Owner and Architect, but no later than 30 days prior to the scheduled date of 1. Conduct the conference to review requirements and responsibilities related to Project 2. Attendees: Authorized representatives of Owner, Architect, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the meeting. Participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work. 3. Agenda: Discuss items of significance that could affect or delay Project closeout, including a. Preparation of record documents. b. Procedures required prior to inspection for Substantial Completion and for final inspection for acceptance. Submittal of written warranties. d. Requirements for preparing operations and maintenance data. e. Requirements for delivery of material samples, attic stock, and spare parts. Requirements for demonstration and training. Preparation of Contractor's punch list. Procedures for processing Applications for Payment at Substantial Completion and for final payment. Submittal procedures. Owner's partial occupancy requirements. Installation of Owner's furniture, fixtures, and equipment. I. Responsibility for removing temporary facilities and controls. 4. Minutes: Entity conducting meeting will record and distribute meeting minutes. E. Progress Meetings: Conduct progress meetings at biweekly intervals. Coordinate dates of meetings with preparation of payment requests 2. Attendees: In addition to representatives of Owner and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work. 3. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project. a. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's construction schedule. Determine how construction behind schedule will be expedited; secure commitments from parties i Involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time. 1) Review schedule for next period. b. Review present and future needs of each entity present, including the following: 1) Sequence of operations. 2) Status of submittals. Deliveries. 4) Off-site fabrication. 5) Access. 6) Site utilization. 7) Temporary facilities and controls. 8) Progress cleaning. 9) Quality and work standards. 10) Status of correction of deficient items. 11) Field observations. 12) Status of RFIs. 13) Status of proposal requests. 14) Pending changes. 15) Status of Change Orders. 16) Pending claims and disputes. 17) Documentation of information for payment requests. 4. Minutes: Entity responsible for conducting the meeting will record and distribute the meeting minutes to each party present and to parties requiring information. a. Schedule Updating: Revise Contractor's construction schedule after each progress meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with the report of each meeting.

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ARCHITECTURE. INTERIOR PLANNING

FOODSERVICE DESIGN

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OWNER / DEVELOPER Grand Construction, LLC

Revisions: No: Date: Description:



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Project Title Stretch 1/4" = 1'-0" Scale Graphic Scale Project Checked By: JM Drawn By: JM

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4. Transmittal Form for Electronic Submittals: Use electronic form acceptable to Owner,

containing the following information:

d. Name of Contractor.

c. Name and address of Architect.

Category and type of submittal. h. Submittal purpose and description.

e. Name of firm or entity that prepared submittal.

f. Names of subcontractor, manufacturer, and supplier.

a. Project name.

b. Date.

Specification Section number and title. Specification paragraph number or drawing designation and generic name for each of multiple items. k. Drawing number and detail references, as appropriate. I. Location(s) where product is to be installed, as appropriate. m. Related physical samples submitted directly. n. Indication of full or partial submittal. o. Transmittal number, numbered consecutively Submittal and transmittal distribution record. Other necessary identification. Remarks. E. Options: Identify options requiring selection by Architect. F. Deviations and Additional Information: On an attached separate sheet, prepared on Contractor's letterhead, record relevant information, requests for data, revisions other than those requested by Architect on previous submittals, and deviations from requirements in the Contract Documents, including minor variations and limitations. Include same identification information as related submittal G. Resubmittals: Make resubmittals in same form and number of copies as initial submittal. 1. Note date and content of previous submittal. 2. Note date and content of revision in label or title block and clearly indicate extent of 3. Resubmit submittals until they are marked with approval notation from Architect's action H. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms. I. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Architect's action stamp. PART 2 - PRODUCTS 2.1 SUBMITTAL PROCEDURES A. General Submittal Procedure Requirements: Prepare and submit submittals required by individual Specification Sections. Types of submittals are indicated in individual Specification Sections. 1. Submit electronic submittals via email as PDF electronic files. a. Architect will return annotated file. Annotate and retain one copy of file as an electronic Project record document file. 2. Action Submittals: Submit three paper copies of each submittal unless otherwise indicated. Architect will return two copies. 3. Informational Submittals: Submit two paper copies of each submittal unless otherwise indicated. Architect will not return copies. 4. Certificates and Certifications Submittals: Provide a statement that includes signature of entity responsible for preparing certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign documents on behalf of that entity. a. Provide a digital signature with digital certificate on electronically submitted certificates and certifications where indicated. b. Provide a notarized statement on original paper copy certificates and certifications where indicated. B. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment. 1. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Shop Drawings, not as Product Data. 2. Mark each copy of each submittal to show which products and options are applicable. 3. Include the following information, as applicable: a. Manufacturer's catalog cuts. Manufacturer's product specifications. Standard color charts. Statement of compliance with specified referenced standards. e. Testing by recognized testing agency. Application of testing agency labels and seals. Notation of coordination requirements. Availability and delivery time information 4. For equipment, include the following in addition to the above, as applicable: a. Wiring diagrams showing factory-installed wiring. b. Printed performance curves. Operational range diagrams. Clearances required to other construction, if not indicated on accompanying Shop 5. Submit Product Data before or concurrent with Samples 6. Submit Product Data in the following format: a. PDF electronic file. b. Three paper copies of Product Data unless otherwise indicated. Architect will return two copies. C. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data. 1. Preparation: Fully illustrate requirements in the Contract Documents. Include the following information, as applicable a. Identification of products. b. Schedules. c. Compliance with specified standards. d. Notation of coordination requirements. Notation of dimensions established by field measurement. Relationship and attachment to adjoining construction clearly indicated. 2. Sheet Size: Except for templates, patterns, and similar full-size drawings, submit Shop Drawings on sheets at least 8-1/2 by 11 inches (215 by 280 mm), but no larger than 30 by 42 inches (750 by 1067 mm). 3. Submit Shop Drawings in the following format: a. PDF electronic file. Two opaque (bond) copies of each submittal. Architect will return one copy(ies). c. Three opaque copies of each submittal. Architect will retain two copies; remainder will be returned D. Samples: Submit Samples for review of kind, color, pattern, and texture for a check of these characteristics with other elements and for a comparison of these characteristics between submittal and actual component as delivered and installed. 1. Transmit Samples that contain multiple, related components such as accessories together in one submittal package. 2. Identification: Attach label on unexposed side of Samples that includes the following: a. Generic description of Sample. Product name and name of manufacturer. Sample source. Number and title of applicable Specification Section. e. Specification paragraph number and generic name of each item. 3. For projects where electronic submittals are required, provide corresponding electronic submittal of Sample transmittal, digital image file illustrating Sample characteristics, and identification information for record. 4. Disposition: Maintain sets of approved Samples at Project site, available for quality-control comparisons throughout the course of construction activity. Sample sets may be used to determine final acceptance of construction associated with each set. a. Samples that may be incorporated into the Work are indicated in individual Specification Sections. Such Samples must be in an undamaged condition at time b. Samples not incorporated into the Work, or otherwise designated as Owner's property, are the property of Contractor. 5. Samples for Initial Selection: Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available. a. Number of Samples: Submit one full set(s) of available choices where color, pattern, texture, or similar characteristics are required to be selected from manufacturer's product line. Architect will return submittal with options selected. 6. Samples for Verification: Submit full-size units or Samples of size indicated, prepared from same material to be used for the Work, cured and finished in manner specified, and physically identical with material or product proposed for use, and that show full range of color and texture variations expected. Samples include, but are not limited to, the following: partial sections of manufactured or fabricated components; small cuts or containers of materials; complete units of repetitively used materials; swatches showing color, texture, and pattern; color range sets; and components used for independent testing and inspection. a. Number of Samples: Submit three sets of Samples. Architect will retain two Sample sets: remainder will be returned.

1) Submit a single Sample where assembly details, workmanship, fabrication

2) If variation in color, pattern, texture, or other characteristic is inherent in

paired units that show approximate limits of variations.

indicating types of products required for the Work and their intended location. Include the following

1. Type of product. Include unique identifier for each product indicated in the Contract

E. Product Schedule: As required in individual Specification Sections, prepare a written summary

Documents or assigned by Contractor if none is indicated.

3. Number and name of room or space.

4. Location within room or space.

2. Manufacturer and product name, and model number if applicable.

techniques, connections, operation, and other similar characteristics are to be

material or product represented by a Sample, submit at least three sets of

GENERAL CONDITIONS 5. Submit product schedule in the following format: PART 1 - GENERAL a. PDF electronic file. 1.1 INDUSTRY STANDARDS A. APPLICABILITY OF STANDARDS: UNLESS THE CONTRACT DOCUMENTS INCLUDE b. Three paper copies of product schedule or list unless otherwise indicated. Architect will return two copies F. Coordination Drawing Submittals: Comply with requirements specified in Section 013100 "Project Management and Coordination.' G. Contractor's Construction Schedule: Comply with requirements specified in Section 013200 B. PUBLICATION DATES: COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE "Construction Progress Documentation." H. Application for Payment and Schedule of Values: Comply with requirements specified in Section 012900 "Payment Procedures." C. COPIES OF STANDARDS: EACH ENTITY ENGAGED IN CONSTRUCTION ON PROJECT I. Test and Inspection Reports and Schedule of Tests and Inspections Submittals: Comply with requirements specified in Section 014000 "Quality Requirements." J. Closeout Submittals and Maintenance Material Submittals: Comply with requirements specified in Section 017700 "Closeout Procedures." K. Maintenance Data: Comply with requirements specified in Section 017823 "Operation and Maintenance Data." L. Qualification Data: Prepare written information that demonstrates capabilities and experience of 1.2 ABBREVIATIONS AND ACRONYMS A. INDUSTRY ORGANIZATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN firm or person. Include lists of completed projects with project names and addresses, contact information of architects and owners, and other information specified. M. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification and Procedure Qualification Record on AWS forms. Include names of firms and personnel certified N. Installer Certificates: Submit written statements on manufacturer's letterhead certifying that Installer complies with requirements in the Contract Documents and, where required, is authorized by manufacturer for this specific Project. O. Manufacturer Certificates: Submit written statements on manufacturer's letterhead certifying that manufacturer complies with requirements in the Contract Documents. Include evidence of manufacturing experience where required P. Product Certificates: Submit written statements on manufacturer's letterhead certifying that product complies with requirements in the Contract Documents. Q. Material Certificates: Submit written statements on manufacturer's letterhead certifying that material complies with requirements in the Contract Documents. R. Material Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements in the Contract Documents. S. Product Test Reports: Submit written reports indicating that current product produced by manufacturer complies with requirements in the Contract Documents. Base reports on evaluation of tests performed by manufacturer and witnessed by a qualified testing agency, or on comprehensive tests performed by a qualified testing agency. T. Research Reports: Submit written evidence, from a model code organization acceptable to authorities having jurisdiction, that product complies with building code in effect for Project. Include the following information: Name of evaluation organization. Date of evaluation. Time period when report is in effect Product and manufacturers' names 5. Description of product. Test procedures and results. Limitations of use. U. Preconstruction Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of tests performed before installation of product, for compliance with performance requirements in the Contract Documents. V. Compatibility Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of compatibility tests performed before installation of product. Include written recommendations for primers and substrate preparation needed for W. Field Test Reports: Submit written reports indicating and interpreting results of field tests performed either during installation of product or after product is installed in its final location, for compliance with requirements in the Contract Documents. X. Design Data: Prepare and submit written and graphic information, including, but not limited to, performance and design criteria, list of applicable codes and regulations, and calculations. Include list of assumptions and other performance and design criteria and a summary of loads. Include load diagrams if applicable. Provide name and version of software, if any, used for calculations. Include page numbers. 2.2 DELEGATED-DESIGN SERVICES A. Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated. 1. If criteria indicated are not sufficient to perform services or certification required, submit a written request for additional information to Architect B. Delegated-Design Services Certification: In addition to Shop Drawings, Product Data, and other required submittals, submit digitally signed PDF electronic file and three paper copies of certificate, signed and sealed by the responsible design professional, for each product and system specifically assigned to Contractor to be designed or certified by a design professional. Indicate that products and systems comply with performance and design criteria in the Contract Documents. Include list of codes, loads, and other factors used in performing PART 3 - EXECUTION 3.1 CONTRACTOR'S REVIEW A. Action and Informational Submittals: Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect and Construction Manager. B. Project Closeout and Maintenance Material Submittals: See requirements in Section 017700 "Closeout Procedures." C. Approval Stamp: Stamp each submittal with a uniform, approval stamp. Include Project name and location, submittal number, Specification Section title and number, name of reviewer, date of Contractor's approval, and statement certifying that submittal has been reviewed, checked, and approved for compliance with the Contract Documents. 3.2 ARCHITECT'S ACTION A. Action Submittals: Architect will review each submittal, make marks to indicate corrections or revisions required, and return it. Architect will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action. B. Informational Submittals: Architect will review each submittal and will not return it, or will return it if it does not comply with requirements. Architect will forward each submittal to appropriate party. C. Partial submittals prepared for a portion of the Work will be reviewed when use of partial submittals has received prior approval from Architect. D. Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review. E. Submittals not required by the Contract Documents may be returned by the Architect without action. **END OF SECTION 013300**

APPROVAL SERVICES) CONSTRUCTION SPECIFICATIONS INSTITUTE (THE) ETL SEMCO INTERTEK ETL SEMCO (FORMERLY: ITS - INTERTEK TESTING SERVICE NA) FM GLOBAL FM GLOBAL (FORMERLY: FMG - FM GLOBAL) FSC FOREST STEWARDSHIP COUNCIL HPVA HARDWOOD PLYWOOD & VENEER ASSOCIATION ISO INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ITS INTERTEK TESTING SERVICE NA (NOW ETL SEMCO) MFMA MAPLE FLOORING MANUFACTURERS ASSOCIATION, INC. MPI MASTER PAINTERS INSTITUTE NFPA NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) NOFMA NOFMA: THE WOOD FLOORING MANUFACTURERS ASSOCIATION (FORMERLY: NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION) INTERTAK STEEL DOOR INSTITUTE SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION UNDERWRITERS LABORATORIES INC. USGBC U.S. GREEN BUILDING COUNCIL WCLIB WEST COAST LUMBER INSPECTION BUREAU WOODWORK INSTITUTE (FORMERLY: WIC - WOODWORK INSTITUTE OF CALIFORNIA) B. CODE AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST. DEUTSCHES INSTITUT FUR NORMUNG E.V. DIN INTERNATIONAL CODE COUNCIL ICC EVALUATION SERVICE, INC. C. FEDERAL GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST. ENVIRONMENTAL PROTECTION AGENC D. STANDARDS AND REGULATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE STANDARDS AND REGULATIONS IN THE FOLLOWING LIST. ADAAG AMERICANS WITH DISABILITIES ACT (ADA) ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AVAILABLE FROM U.S. ACCESS BOARD CFR CODE OF FEDERAL REGULATIONS AVAILABLE FROM GOVERNMENT PRINTING OFFICE E. STATE GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST. **END OF SECTION 014200 GENERAL CONDITIONS** SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL A. SALVAGING NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE. B. RECYCLING NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE. C. DISPOSING OF NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE. A. CONSTRUCTION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS AND OTHER SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, RENOVATION, OR REPAIR OPERATIONS. CONSTRUCTION WASTE INCLUDES B. DEMOLITION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS RESULTING FROM DEMOLITION OR SELECTIVE DEMOLITION OPERATIONS. C. DISPOSAL: REMOVAL OFF-SITE OF DEMOLITION AND CONSTRUCTION WASTE AND SUBSEQUENT SALE, RECYCLING, REUSE, OR DEPOSIT IN LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. D. RECYCLE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE FOR SUBSEQUENT PROCESSING IN PREPARATION FOR REUSE. E. SALVAGE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT SALE OR REUSE IN ANOTHER FACILITY. F. SALVAGE AND REUSE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT INCORPORATION INTO THE WORK. 1.3 ACTION SUBMITTALS A. WASTE MANAGEMENT PLAN: SUBMIT PLAN WITHIN 7 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK. 1. TYPES AND QUANTITIES OF DEMOLITION AND CONSTRUCTION WASTE. 2. TYPE OF WASTE AND WHETHER IT WILL BE SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR. 3. NET ADDITIONAL COST OR NET SAVINGS RESULTING FROM WASTE MANAGEMENT PLAN. 1.4 INFORMATION SUBMITTALS A. WASTE REDUCTION PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORT INDICATING TYPE OF WASTE AND WHETHER IT HAS BEEN SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR B. WASTE DISPOSAL RECORDS: INDICATE RECEIPT AND ACCEPTANCE OF WASTE MATERIAL BY ACCEPTING AND PROCESSING FACILITIES LICENSED TO ACCEPT THEM. INCLUDE MANIFESTS, TYPE OF MATERIAL, WEIGHT OR VOLUME TICKETS, RECEIPTS AND INVOICES. C. LEED SUBMITTAL: CWM REPORTING TEMPLATE, TABULATING TOTAL WASTE MATERIAL, QUANTITIES DIVERTED AND MEANS BY WHICH IT IS DIVERTED, AND STATEMENT THAT REQUIREMENTS FOR THE CREDIT HAVE BEEN MET. 1.5 RECYCLING WASTE A. RECYCLING INCENTIVES: REVENUES AND OTHER INCENTIVES FOR RECYCLING WILL ACCRUE TO OWNER. END OF SECTION 017419

SECTION 014200 - REFERENCES

MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY

STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED

SHOULD BE FAMILIAR WITH INDUSTRY STANDARDS APPLICABLE TO ITS

1. WHERE COPIES OF STANDARDS ARE NEEDED TO PERFORM A REQUIRED

SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE

AMERICAN INSTITUTE OF TIMBER CONSTRUCTION

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND

ASTM INTERNATIONAL (AMERICAN SOCIETY FOR TESTING AND

AMERICAN WOOD PROTECTION ASSOCIATION (FORMERLY:

CSA INTERNATIONAL (FORMERLY: IAS - INTERNATIONAL

AMERICAN NATIONAL STANDARDS INSTITUTE

APA - THE ENGINEERED WOOD ASSOCIATION

ARCHITECTURAL WOODWORK INSTITUTE

AMERICAN WOOD PRESERVERS' ASSOCIATION)

CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED.

RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

AMERICAN CONCRETE INSTITUTE

AIR-CONDITIONING ENGINEERS

CARPET AND RUG INSTITUTE (THE)

CANADIAN STANDARDS ASSOCIATION

COOL ROOF RATING COUNCIL

MATERIALS INTERNATIONAL)

AMERICAN HARDBOARD ASSOCIATION

WITH THE CONTRACT DOCUMENTS.

SOURCE.

AITC

ANSI

ASHRAE

ASTM

AWPA

CRRC

CSA

DIRECTLY INTO THE CONTRACT DOCUMENTS TO THE EXTENT REFERENCED. SUCH

STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.

CONSTRUCTION ACTIVITY. COPIES OF APPLICABLE STANDARDS ARE NOT BOUND

CONSTRUCTION ACTIVITY, OBTAIN COPIES DIRECTLY FROM PUBLICATION

Design XODUS, LLC ARCHITECTURE. INTERIOR PLANNING FOODSERVICE DESIGN

JOHN MELANCON

ph: 337.580.2911

email: john@designxodus.com Zachary, LA 70791

OWNER / DEVELOPER Grand Construction, LLC Revisions:

No: Date: Description:



 \Box

Project Title Stretch

1/4" = 1'-0" Scale Graphic Scale Project

Drawn By: JM Checked By: JM Issued PERMIT DRAWINGS For

Date Issued Sheet

SECTION 017700 - CLOSEOUT PROCEDURES

PART 1 - GENERAL 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions A. General: Perform final cleaning. Conduct cleaning and waste-removal operations to comply with and other Division 01 Specification Sections, apply to this Section.
- A. Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
 - 1. Substantial Completion procedures.
 - Final completion procedures. Warranties.
- Final cleaning
- 5. Repair of the Work 1.3 ACTION SUBMITTALS
- A. Product Data: For cleaning agents.
- B. Contractor's List of Incomplete Items: Initial submittal at Substantial Completion. C. Certified List of Incomplete Items: Final submittal at Final Completion.
- 1.4 CLOSEOUT SUBMITTALS
- . Certificates of Release: From authorities having jurisdiction.
- B. Certificate of Insurance: For continuing coverage C. Field Report: For pest control inspection.
- 1.5 MAINTENANCE MATERIAL SUBMITTALS A. Schedule of Maintenance Material Items: For maintenance material submittal items specified in
- other Sections. 1.6 SUBSTANTIAL COMPLETION PROCEDURES
- A. Contractor's List of Incomplete Items: Prepare and submit a list of items to be completed and corrected (Contractor's punch list), indicating the value of each item on the list and reasons why the
- Submittals Prior to Substantial Completion: Complete the following a minimum of 10 days prior to requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.
 - 1. Certificates of Release: Obtain and submit releases from authorities having jurisdiction permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases
 - 2. Submit closeout submittals specified in other Division 01 Sections, including project record documents, operation and maintenance manuals, final completion construction photographic documentation, damage or settlement surveys, property surveys, and similar final record information.
 - 3. Submit closeout submittals specified in individual Sections, including specific warranties, workmanship bonds, maintenance service agreements, final certifications, and similar
 - 4. Submit maintenance material submittals specified in individual Sections, including tools, spare parts, extra materials, and similar items, and deliver to location designated by Architect . Label with manufacturer's name and model number where applicable.
 - a. Schedule of Maintenance Material Items: Prepare and submit schedule of maintenance material submittal items, including name and quantity of each item and name and number of related Specification Section. Obtain Architect's
 - signature for receipt of submittals. 5. Submit test/adjust/balance records.
- 6. Submit changeover information related to Owner's occupancy, use, operation, and
- C. Procedures Prior to Substantial Completion: Complete the following a minimum of 10 days prior to A. Complete repair and restoration operations before requesting inspection for determination of requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.
 - Advise Owner of pending insurance changeover requirements. 2. Make final changeover of permanent locks and deliver keys to Owner. Advise Owner's personnel of changeover in security provisions.
 - 3. Complete startup and testing of systems and equipment.
 - 4. Perform preventive maintenance on equipment used prior to Substantial Completion. 5. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems. Submit demonstration and training video recordings specified in
 - Section 017900 "Demonstration and Training." 6. Advise Owner of changeover in heat and other utilities.
 - 7. Participate with Owner in conducting inspection and walkthrough with local emergency
 - 8. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
- 9. Complete final cleaning requirements, including touchup painting. 10. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual
- D. Inspection: Submit a written request for inspection to determine Substantial Completion a minimum END OF SECTION 017700 of 10 days prior to date the work will be completed and ready for final inspection and tests. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled uirements. Architect will prepare the Certificate of Substantial Completion after inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.
- 1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected. 2. Results of completed inspection will form the basis of requirements for final completion.
- 1.7 FINAL COMPLETION PROCEDURES A. Submittals Prior to Final Completion: Before requesting final inspection for determining final
- completion, complete the following: 1. Submit a final Application for Payment according to Section 012900 "Payment Procedures." 2. Certified List of incomplete Items: Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. Certified copy of the list shall state that each item has been completed
- 3. Certificate of Insurance: Submit evidence of final, continuing insurance coverage
- complying with insurance requirements. 4. Submit pest-control final inspection report.

or otherwise resolved for acceptance.

- Inspection: Submit a written request for final inspection to determine acceptance a minimum of 10 days prior to date the work will be completed and ready for final inspection and tests. On receipt of request. Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare a final Certificate for Payment after inspection or will notify Contractor of construction that must be completed or corrected before certificate will be issued.
- 1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
- 1.8 LIST OF INCOMPLETE ITEMS (PUNCH LIST)
- A. Organization of List: Include name and identification of each space and area affected by construction operations for incomplete items and items needing correction including, if necessary, areas disturbed by Contractor that are outside the limits of construction.
- 1. Organize list of spaces in sequential order. 2. Organize items applying to each space by major element, including categories for ceiling, individual walls, floors, equipment, and building systems.
- 3. Include the following information at the top of each page:
 - a. Project name. b. Date.
 - c. Name of Architect. Name of Contractor.
- e. Page number. 4. Submit list of incomplete items in the following format:
- a. MS Excel electronic file. Architect will return annotated file.
- 1.9 SUBMITTAL OF PROJECT WARRANTIES A. Time of Submittal: Submit written warranties on request of Architect for designated portions of the Work where commencement of warranties other than date of Substantial Completion is indicated, or
- when delay in submittal of warranties might limit Owner's rights under warranty. B. Partial Occupancy: Submit properly executed warranties within 15 days of completion of designated portions of the Work that are completed and occupied or used by Owner during construction period by separate agreement with Contractor.
- Organize warranty documents into an orderly sequence based on the table of contents of Project
 - 1. Bind warranties and bonds in heavy-duty, three-ring, vinyl-covered, loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive 8-1/2-by-11-inch (215-by-280-mm) paper
 - 2. Provide heavy paper dividers with plastic-covered tabs for each separate warranty. Mark tab to identify the product or installation. Provide a typed description of the product or installation, including the name of the product and the name, address, and telephone
 - number of Installer 3. Identify each binder on the front and spine with the typed or printed title "WARRANTIES,"
 - Project name, and name of Contractor. 4. Warranty Electronic File: Scan warranties and bonds and assemble complete warranty and bond submittal package into a single indexed electronic PDF file with links enabling
- navigation to each item. Provide bookmarked table of contents at beginning of document. D. Provide additional copies of each warranty to include in operation and maintenance manuals. 2.1 MATERIALS

A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator

of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces. 1. Use cleaning products that comply with Green Seal's GS-37, or if GS-37 is not applicable, use products that comply with the California Code of Regulations maximum allowable VOC

- PART 3 EXECUTION
- 3.1 FINAL CLEANING local laws and ordinances and Federal and local environmental and antipollution regulations.
- B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance A. Section includes administrative and procedural requirements for preparing operation and program. Comply with manufacturer's written instructions.
 - Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for entire Project or for a designated portion of Project: a. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and
 - other foreign substances. b. Sweep paved areas broom clean. Remove petrochemical spills, stains, and other B.
 - foreign deposits. c. Rake grounds that are neither planted nor paved to a smooth, even-textured
 - d. Remove tools, construction equipment, machinery, and surplus material from Project site.
 - e. Remove snow and ice to provide safe access to building. f. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original
 - g. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics, and similar spaces. h. Sweep concrete floors broom clean in unoccupied spaces.
 - according to manufacturer's recommendations if visible soil or stains remain. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other noticeable, vision-obscuring materials.
 - Polish mirrors and glass, taking care not to scratch surfaces. k. Remove labels that are not permanent
 - I. Wipe surfaces of mechanical and electrical equipment and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
 - m. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure. n. Replace disposable air filters and clean permanent air filters. Clean exposed
 - surfaces of diffusers, registers, and grills. o. Clean ducts, blowers, and coils if units were operated without filters during construction or that display contamination with particulate matter on inspection. 1) Clean HVAC system in compliance with NADCA Standard 1992-01. Provide PART 2 - PRODUCTS
 - written report on completion of cleaning. p. Clean light fixtures, lamps, globes, and reflectors to function with full efficiency. q. Leave Project clean and ready for occupancy
- C. Pest Control: Comply with pest control requirements in Section 015000 "Temporary Facilities and Controls." Prepare written report. D. Construction Waste Disposal: Comply with waste disposal requirements in Section 015000
- "Temporary Facilities and Controls." 3.2 REPAIR OF THE WORK
- Substantial Completion.
- B. Repair or remove and replace defective construction. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment. Where damaged or worn items cannot be repaired or restored, provide replacements. Remove and replace operating components that cannot be repaired. Restore damaged construction and permanent facilities used during construction to specified condition.
- 1. Remove and replace chipped, scratched, and broken glass, reflective surfaces, and other damaged transparent materials. 2. Touch up and otherwise repair and restore marred or exposed finishes and surfaces.
- Replace finishes and surfaces that that already show evidence of repair or restoration. a. Do not paint over "UL" and other required labels and identification, including mechanical and electrical nameplates. Remove paint applied to required labels
- and identification. 3. Replace parts subject to operating conditions during construction that may impede operation or reduce longevity
- 4. Replace burned-out bulbs, bulbs noticeably dimmed by hours of use, and defective and noisy starters in fluorescent and mercury vapor fixtures to comply with requirements for

GENERAL CONDITIONS

SECTION 017823 - OPERATION AND MAINTENANCE DATA

- PART 1 GENERAL
- 1.1 RELATED DOCUMENTS A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY
- maintenance manuals, including the following: 1. Operation and maintenance documentation directory.
- Emergency manuals B. Operation manuals for systems, subsystems, and equipment.
- Product maintenance manuals. 5. Systems and equipment maintenance manuals. Related Requirements:
- 1. Section 013300 "Submittal Procedures" for submitting copies of submittals for operation and maintenance manuals. 1.3 DEFINITIONS
- A. System: An organized collection of parts, equipment, or subsystems united by regular interaction. 3. Subsystem: A portion of a system with characteristics similar to a system. 1.4 CLOSEOUT SUBMITTALS
- A. Manual Content: Operations and maintenance manual content is specified in individual Specification Sections to be reviewed at the time of Section submittals. Submit reviewed manual
- content formatted and organized as required by this Section. 1. Architect will comment on whether content of operations and maintenance submittals are acceptable
- 2. Where applicable, clarify and update reviewed manual content to correspond to revisions and field conditions. i. Vacuum carpet and similar soft surfaces, removing debris and excess nap; clean B. Format: Submit operations and maintenance manuals in the following format: 1. PDF electronic file. Assemble each manual into a composite electronically indexed file.
 - Submit on digital media acceptable to Architect. a. Name each indexed document file in composite electronic index with applicable item name. Include a complete electronically linked operation and maintenance
 - b. Enable inserted reviewer Comments on draft submittals. 2. Three paper copies. Include a complete operation and maintenance directory. Enclose title pages and directories in clear plastic sleeves. Architect will return two copies. C. Final Manual Submittal: Submit each manual in final form prior to requesting inspection for
 - Architect will return copy with comments. 1. Correct or revise each manual to comply with Architect's comments. Submit copies of each corrected manual within 15 days of receipt of Architect's comments and prior to commencing demonstration and training.

Substantial Completion and at least 15 days before commencing demonstration and training.

- 2.1 OPERATION AND MAINTENANCE DOCUMENTATION DIRECTORY
- A. Directory: Prepare a single, comprehensive directory of emergency, operation, and maintenance data and materials, listing items and their location to facilitate ready access to desired information.
- Include a section in the directory for each of the following: List of documents.
- List of systems. List of equipment
- Table of contents
- B. List of Systems and Subsystems: List systems alphabetically. Include references to operation and maintenance manuals that contain information about each system. C. List of Equipment: List equipment for each system, organized alphabetically by system. For pieces
- of equipment not part of system, list alphabetically in separate list. D. Tables of Contents: Include a table of contents for each emergency, operation, and maintenance
- E. Identification: In the documentation directory and in each operation and maintenance manual, identify each system, subsystem, and piece of equipment with same designation used in the Contract Documents. If no designation exists, assign a designation according to ASHRAE Guideline 4, "Preparation of Operating and Maintenance Documentation for Building
- 2.2 REQUIREMENTS FOR EMERGENCY, OPERATION, AND MAINTENANCE MANUALS A. Organization: Unless otherwise indicated, organize each manual into a separate section for each system and subsystem, and a separate section for each piece of equipment not part of a system. Each manual shall contain the following materials, in the order listed:
- Title page. 2. Table of contents.
- 3. Manual contents. B. Title Page: Include the following information:
 - Subject matter included in manual. Name and address of Project.
- Name and address of Owner.
- Date of submittal.
- 5. Name and contact information for Contractor. 6. Name and contact information for Architect.
- 7. Names and contact information for major consultants to the Architect that designed the systems contained in the manuals. 8. Cross-reference to related systems in other operation and maintenance manuals.
- Table of Contents: List each product included in manual, identified by product name, indexed to the content of the volume, and cross-referenced to Specification Section number in Project Manual. . If operation or maintenance documentation requires more than one volume to
- accommodate data, include comprehensive table of contents for all volumes in each volume of the set. D. Manual Contents: Organize into sets of manageable size. Arrange contents alphabetically by
- system, subsystem, and equipment. If possible, assemble instructions for subsystems, equipment, and components of one system into a single binder E. Manuals, Electronic Files: Submit manuals in the form of a multiple file composite electronic PDF
- file for each manual type required. 1. Electronic Files: Use electronic files prepared by manufacturer where available. Where scanning of paper documents is required, configure scanned file for minimum readable file
- 2. File Names and Bookmarks: Enable bookmarking of individual documents based on file names. Name document files to correspond to system, subsystem, and equipment names used in manual directory and table of contents. Group documents for each system and subsystem into individual composite bookmarked files, then create composite manual, so
- that resulting bookmarks reflect the system, subsystem, and equipment names in a readily navigated file tree. Configure electronic manual to display bookmark panel on opening file. F. Manuals, Paper Copy: Submit manuals in the form of hard copy, bound and labeled volumes. 1. Binders: Heavy-duty, three-ring, vinyl-covered, loose-leaf binders, in thickness necessary to accommodate contents, sized to hold 8-1/2-by-11-inch (215-by-280-mm) paper; with
 - clear plastic sleeve on spine to hold label describing contents and with pockets inside covers to hold folded oversize sheets. a. If two or more binders are necessary to accommodate data of a system, organize data in each binder into groupings by subsystem and related components. Crossreference other binders if necessary to provide essential information for proper
 - operation or maintenance of equipment or system b. Identify each binder on front and spine, with printed title "OPERATION AND MAINTENANCE MANUAL," Project title or name, and subject matter of
 - contents, and indicate Specification Section number on bottom of spine. Indicate volume number for multiple-volume sets. 2. Dividers: Heavy-paper dividers with plastic-covered tabs for each section of the manual. Mark each tab to indicate contents. Include typed list of products and major components of
 - equipment included in the section on each divider, cross-referenced to Specification Section number and title of Project Manual. 3. Protective Plastic Sleeves: Transparent plastic sleeves designed to enclose diagnostic
 - software storage media for computerized electronic equipment. 4. Supplementary Text: Prepared on 8-1/2-by-11-inch (215-by-280-mm) white bond paper. 5. Drawings: Attach reinforced, punched binder tabs on drawings and bind with text. a. If oversize drawings are necessary, fold drawings to same size as text pages and
 - b. If drawings are too large to be used as foldouts, fold and place drawings in labeled envelopes and bind envelopes in rear of manual. At appropriate locations in manual, insert typewritten pages indicating drawing titles, descriptions of contents, and drawing
- 2.3 EMERGENCY MANUALS A. Content: Organize manual into a separate section for each of the following:
 - Type of emergency. Emergency instructions.
- Emergency procedures. B. Type of Emergency: Where applicable for each type of emergency indicated below, include instructions and procedures for each system, subsystem, piece of equipment, and component: Fire.
- Flood. Gas leak. Water leak. Power failure.
- Water outage.
- 7. System, subsystem, or equipment failure. 8. Chemical release or spill.

- - similar codes and signals. Include responsibilities of Owner's operating personnel for notification of installer, supplier, and manufacturer to maintain warranties.

C. Emergency Instructions: Describe and explain warnings, trouble indications, error messages, and

- D. Emergency Procedures: Include the following, as applicable:
- Instructions on stopping. Shutdown instructions for each type of emergency.
- Operating instructions for conditions outside normal operating limits. Required sequences for electric or electronic systems.
- 5. Special operating instructions and procedures. 2.4 OPERATION MANUALS
- A. Content: In addition to requirements in this Section, include operation data required in individual Specification Sections and the following information:
 - 1. System, subsystem, and equipment descriptions. Use designations for systems and e equipment indicated on Contract Documents.
 - Performance and design criteria if Contractor has delegated design responsibility.
 - 3. Operating standards.
 - Operating procedures
 - Operating logs.
 - . Wiring diagrams. . Control diagrams
 - 8. Piped system diagrams 9. Precautions against improper use
- 10. License requirements including inspection and renewal dates. B. Descriptions: Include the following: Product name and model number. Use designations for products indicated on Contract
 - Documents. 2. Manufacturer's name.
 - 3. Equipment identification with serial number of each component. Equipment function.
 - . Operating characteristics.
 - 6. Limiting conditions.
 - Performance curves.
 - 8. Engineering data and tests. 9. Complete nomenclature and number of replacement parts.
- C. Operating Procedures: Include the following, as applicable: Startup procedures.
 - Equipment or system break-in procedures Routine and normal operating instructions.
 - . Regulation and control procedures. Instructions on stopping.
 - Normal shutdown instructions Seasonal and weekend operating instructions.
 - Required sequences for electric or electronic systems. Special operating instructions and procedures.
- Systems and Equipment Controls: Describe the sequence of operation, and diagram controls as
- E. Piped Systems: Diagram piping as installed, and identify color-coding where required for identification.
- 2.5 PRODUCT MAINTENANCE MANUALS A. Content: Organize manual into a separate section for each product, material, and finish. Include source information, product information, maintenance procedures, repair materials and sources,
- and warranties and bonds, as described below B. Source Information: List each product included in manual, identified by product name and arranged to match manual's table of contents. For each product, list name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section
- number and title in Project Manual and drawing or schedule designation or identifier where
- Product Information: Include the following, as applicable: Product name and model number.
- Manufacturer's name.
- Color, pattern, and texture. Material and chemical composition
- D. Maintenance Procedures: Include manufacturer's written recommendations and the following: Inspection procedures. Types of cleaning agents to be used and methods of cleaning.

5. Reordering information for specially manufactured products.

- List of cleaning agents and methods of cleaning detrimental to product. 4. Schedule for routine cleaning and maintenance. Repair instructions.
- . Repair Materials and Sources: Include lists of materials and local sources of materials and related Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and
- conditions that would affect validity of warranties or bonds. 1. Include procedures to follow and required notifications for warranty claims. 2.6 SYSTEMS AND EQUIPMENT MAINTENANCE MANUALS A. Content: For each system, subsystem, and piece of equipment not part of a system, include source
- information, manufacturers' maintenance documentation, maintenance procedures, maintenance and service schedules, spare parts list and source information, maintenance service contracts, and warranty and bond information, as described below.
- Revise "Source Information" Paragraph below to suit Project. For simple projects that require few manuals, this information may be included on title page. B. Source Information: List each system, subsystem, and piece of equipment included in manual, identified by product name and arranged to match manual's table of contents. For each product, list
- name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section number and title in Project Manual and drawing or schedule designation or identifier where applicable. Manufacturers' Maintenance Documentation: Manufacturers' maintenance documentation including
 - 1. Standard maintenance instructions and bulletins. 2. Drawings, diagrams, and instructions required for maintenance, including disassembly and component removal, replacement, and assembly.

the following information for each component part or piece of equipment:

- 3. Identification and nomenclature of parts and components. 4. List of items recommended to be stocked as spare parts.
- Maintenance Procedures: Include the following information and items that detail essential maintenance procedures:

PART 3 - EXECUTION

3.1 MANUAL PREPARATION

maintenance documentation

END OF SECTION 017823

- 1. Test and inspection instructions. Troubleshooting guide.
- Precautions against improper maintenance. . Disassembly; component removal, repair, and replacement; and reassembly instructions. . Aligning, adjusting, and checking instructions.
- 6. Demonstration and training video recording, if available. Maintenance and Service Schedules: Include service and lubrication requirements, list of required lubricants for equipment, and separate schedules for preventive and routine maintenance and service with standard time allotment.
- quarterly, semiannual, and annual frequencies. 2. Maintenance and Service Record: Include manufacturers' forms for recording maintenance. Spare Parts List and Source Information: Include lists of replacement and repair parts, with parts

1. Scheduled Maintenance and Service: Tabulate actions for daily, weekly, monthly,

identified and cross-referenced to manufacturers' maintenance documentation and local sources of maintenance materials and related services. G. Maintenance Service Contracts: Include copies of maintenance agreements with name and

1. Include procedures to follow and required notifications for warranty claims.

- telephone number of service agent. H. Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and conditions that would affect validity of warranties or bonds.
- A. Operation and Maintenance Documentation Directory: Prepare a separate manual that provides an organized reference to emergency, operation, and maintenance manuals. Emergency Manual: Assemble a complete set of emergency information indicating procedures for use by emergency personnel and by Owner's operating personnel for types of emergencies
- Product Maintenance Manual: Assemble a complete set of maintenance data indicating care and maintenance of each product, material, and finish incorporated into the Work. D. Operation and Maintenance Manuals: Assemble a complete set of operation and maintenance data
- of a system. 1. Engage a factory-authorized service representative to assemble and prepare information for each system, subsystem, and piece of equipment not part of a system. 2. Prepare a separate manual for each system and subsystem, in the form of an instructional

Manufacturers' Data: Where manuals contain manufacturers' standard printed data, include only

sheets pertinent to product or component installed. Mark each sheet to identify each product or

indicating operation and maintenance of each system, subsystem, and piece of equipment not part

component incorporated into the Work. If data include more than one item in a tabular format, identify each item using appropriate references from the Contract Documents. Identify data applicable to the Work and delete references to information not applicable. Comply with Section 017700 "Closeout Procedures" for schedule for submitting operation and

manual for use by Owner's operating personnel.



Design XODUS, LLC ARCHITECTURE. INTERIOR PLANNING

> FOODSERVICE DESIGN JOHN MELANCON

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OWNER / DEVELOPER Grand Construction, LLC

No:	Date:	Description:
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Revisions:



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1/4" = 1'-0" Scale Graphic Scale Project Checked By: JM Drawn By: JM

Issued PERMIT DRAWINGS Date Issued

Sheet

Project Title Stretch

EXISTING CONDITIONS

SECTION 024119 - SELECTIVE DEMOLITION

- A. DEMOLITION AND REMOVAL OF PORTIONS OF A BUILDING OR STRUCTURE AND SELECTED SITE ELEMENTS.
- B. HISTORIC ITEMS REMOVED AND SALVAGED FOR OWNER.

1.1 SUMMARY

- A. SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES: INDICATE THE FOLLOWING:
- 1. DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S BUILDING MANAGER'S AND OTHER TENANTS' ON-SITE OPERATIONS ARE
- 2. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE INTERRUPTED.
- 3. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
- 4. USE OF ELEVATOR AND STAIRS. 5. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED

1.3 PROJECT CONDITIONS

- A. OWNER WILL [NOT] OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA.
- B. HAZARDOUS MATERIALS: UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED. IF ENCOUNTERED, OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.

1.4 EXECUTION

- A. UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS: 1. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT FROM
- 2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF
- 3. SHUT OFF: BY [OWNER] [BUILDING MANAGER] [CONTRACTOR]. B. SITE ACCESS AND TEMPORARY CONTROLS: MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED
- C. TEMPORARY FACILITIES: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO

SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.

- ADJACENT BUILDINGS AND FACILITIES TO REMAIN. D. TEMPORARY SHORING: PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
- E. REMOVED AND SALVAGED ITEMS: CLEANED, CRATED, STORED, AND TRANSPORTED TO OWNER'S [ON] [OFF]-SITE STORAGE AREA.
- F. REMOVED AND REINSTALLED ITEMS: CLEANED, REPAIRED, CRATED, STORED, AND REINSTALLED.
- G. EXISTING ITEMS TO REMAIN: EXISTING CONSTRUCTION PROTECTED AGAINST DAMAGE.
- H. DISPOSAL OF DEMOLISHED ITEMS:
- 1. BURNING: NOT PERMITTED.
- 2. DISPOSAL: COMPLY WITH REQUIREMENTS SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL"

END OF SECTION 024119

CONCRETE

SECTION 033500 - CONCRETE FINISHING

1.1 SUBMITTALS

- A. QUALIFICATION DATA: FOR QUALIFIED APPLICATOR B. MATERIAL CERTIFICATES.
- 1.2 FLOOR AND SLAB TREATMENTS
- A. VOC CONTENT: FLOOR TREATMENTS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59. SUBPART D (EPA METHOD 24). B. UNPIGMENTED MINERAL DRY-SHAKE FLOOR HARDENER: FACTORY-PACKAGED DRY COMBINATION OF PORTLAND CEMENT, GRADED QUARTZ AGGREGATE, AND
- PLASTICIZING ADMIXTURE. C. PIGMENTED MINERAL DRY-SHAKE FLOOR HARDENER: FACTORY-PACKAGED, DRY COMBINATION OF PORTLAND CEMENT, GRADED QUARTZ AGGREGATE, COLOR PIGMENTS, AND PLASTICIZING ADMIXTURE. USE COLOR PIGMENTS THAT ARE FINELY GROUND, NONFADING MINERAL OXIDES INTERGROUND WITH CEMENT

1.3 LIQUID FLOOR TREATMENTS

- A. VOC CONTENT: LIQUID FLOOR TREATMENTS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- B. PENETRATING LIQUID FLOOR TREATMENT: CLEAR, CHEMICALLY REACTIVE. WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS; ODORLESS; THAT PENETRATES, HARDENS, AND DENSIFIES CONCRETE SURFACES.
- C. PENETRATING LIQUID FLOOR TREATMENTS FOR POLISHED CONCRETE FINISH: CLEAR, WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS; ODORLESS; THAT PENETRATES. HARDENS, AND IS SUITABLE FOR POLISHED CONCRETE SURFACES.

1.4 INSTALLATION

- A. DRY-SHAKE FLOOR HARDENER FINISH: AFTER INITIAL FLOATING, APPLY DRY-SHAKE
- FLOOR HARDENER TO SURFACES B. PENETRATING LIQUID FLOOR TREATMENT: PREPARE, APPLY, AND FINISH PENETRATING LIQUID FLOOR TREATMENT ACCORDING TO MANUFACTURER'S
- WRITTEN INSTRUCTIONS. C. SEALING COAT: UNIFORMLY APPLY A CONTINUOUS SEALING COAT OF CURING AND SEALING COMPOUND TO HARDENED CONCRETE BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
- D. PROTECT LIQUID FLOOR TREATMENT FROM DAMAGE AND WEAR DURING THE REMAINDER OF CONSTRUCTION PERIOD. USE PROTECTIVE METHODS AND MATERIALS, INCLUDING TEMPORARY COVERING, RECOMMENDED IN WRITING BY LIQUID FLOOR TREATMENTS INSTALLER

END OF SECTION 033500

METALS

SECTION 055000 - METAL FABRICATIONS

- 1.1 SUMMARY A. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. B. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND
 - SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
- C. SHELF ANGLES.
- D. METAL BOLLARDS.
- 1.2 SUBMITTALS A. PRODUCT DATA: FOR THE FOLLOWING:
 - 1. PAINT PRODUCTS. GROUT.

WELDING CERTIFICATES.

- 3. ALL PREFABRICATED PRODUCTS. B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL
- 1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS.
- PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.

- A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL PIPE, SLOTTED CHANNEL FRAMING.
 - 1. LOW-EMITTING PRIMER: METAL PRIMER SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- MISCELLANEOUS FRAMING AND SUPPORTS: STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL
 - EQUIPMENT, APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
- GALVANIZE WHERE INDICATED.
- PRIME WITH ZINC-RICH PRIMER WHERE INDICATED
- a. ZINC-RICH PRIMER SHALL HAVE A VOC CONTENT OF 340 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59. SUBPART D (EPA METHOD 24).
- C. LOOSE STEEL LINTELS, GALVANIZED AT EXTERIOR WALLS. SHELF ANGLES, GALVANIZED. E. STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR
- CASTING INTO CONCRETE. F. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE.

END OF SECTION 055000

WOODS AND PLASTICS

SECTION 061000 - ROUGH CARPENTRY

1.1 MATERIALS

- A. WOOD-PRESERVATIVE-TREATED LUMBER: 1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2, BUT USE
 - CATEGORY UC3B FOR EXTERIOR CONSTRUCTION AND USE CATEGORY UC4A FOR ITEMS IN CONTACT WITH THE GROUND.
 - a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
- 2. APPLICATION: ITEMS INDICATED AND AS FOLLOWS:
- a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING. . ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
- c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
- d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
- B. DIMENSION LUMBER FRAMING: 1. EXPOSED FRAMING: HAND-SELECTED FOR APPEARANCE AND FREEDOM FROM DECAY, HONEYCOMB, KNOT-HOLES, SHAKE, SPLITS, TORN GRAIN AND WANE. a. APPLICATION: EXPOSED EXTERIOR AND INTERIOR FRAMING INDICATED TO
- RECEIVE A STAINED OR NATURAL FINISH. b. SPECIES AND GRADE: AS INDICATED FOR LOAD-BEARING CONSTRUCTION. . ENGINEERED WOOD PRODUCTS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA
- RMAI DEHYDE D. SHEAR WALL PANELS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING
- WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE. FASTENERS: [HOT-DIP GALVANIZED] [STAINLESS] STEEL WHERE EXPOSED TO
- WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
- HOT-DIP GALVANIZED STEEL FOR INTERIOR LOCATIONS. 2. HOT-DIP, HEAVY-GALVANIZED STEEL FOR TREATED LUMBER AND WHERE
- INDICATED.
- 3. STAINLESS STEEL FOR EXTERIOR AND WHERE INDICATED. G. MISCELLANEOUS MATERIALS:
- 1. SILL-SEALER GASKETS: [GLASS-FIBER INSULATION] [NEOPRENE FOAM]
- . ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

END OF SECTION 061000

WOODS AND PLASTICS

F. METAL FRAMING ANCHORS:

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

- 1.1 MATERIALS A. WOOD-PRESERVATIVE-TREATED MATERIALS:
 - 1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2. a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO
 - NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
 - 2. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
 - a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING . ITEMS IN CONTACT WITH CONCRETE OR MASONRY. c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN
- CRAWLSPACES. d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE. B. FIRE-RETARDANT-TREATED MATERIALS:
- . EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED. INTERIOR TYPE A UNLESS OTHERWISE INDICATED.
- 3. APPLICATION: ITEMS INDICATED AND THE FOLLOWING: a. FRAMING FOR RAISED PLATFORMS.
- CONCEALED BLOCKING.
- c. ROOF FRAMING AND BLOCKING
- d. ITEMS IN CONTACT WITH ROOFING. e. PLYWOOD BACKING PANELS.
- C. FRAMING 1. NON-LOAD-BEARING INTERIOR PARTITIONS: CONSTRUCTION OR NO. 2 GRADE.
- D. MISCELLANEOUS LUMBER: 1. DIMENSION LUMBER: CONSTRUCTION OR NO. 2 GRADE. 2. UTILITY SHELVING: 19 PERCENT MAXIMUM MOISTURE CONTENT.
- . CONCEALED BOARDS: 19 PERCENT MAXIMUM MOISTURE CONTENT. E. PLYWOOD BACKING PANELS: EXPOSURE 1, C-D PLUGGED, [FIRE-RETARDANT TREATED]. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN
- GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
- G. METAL FRAMING ANCHORS: . METAL: GALVANIZED STEEL; HOT-DIP HEAVY GALVANIZED STEEL FOR WOOD-PRESERVATIVE-TREATED LUMBER AND WHERE INDICATED. H. ADHESIVES: ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN

CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.2 INSTALLATION A. FURRING TO RECEIVE PLYWOOD OR HARDBOARD PANELING: 1-BY-3-INCH NOMINAL-

SIZE (19-BY-63-MM ACTUAL-SIZE) FURRING AT 24 INCHES (610 MM) O.C. B. FURRING TO RECEIVE GYPSUM BOARD: 1-BY-2-INCH NOMINAL-SIZE (19-BY-38-MM

ACTUAL-SIZE) FURRING AT 16 INCHES (406 MM) O.C. **END OF SECTION 061053**

WOODS AND PLASTICS

SECTION 064000 - INTERIOR ARCHITECTURAL WOODWORK

- 1.1 SUMMARY
- A. INTERIOR STANDING AND RUNNING TRIM. B. FLUSH WOOD PANELING AND WAINSCOTS
- C. MELAMINE CABINETS. D. SOLID-SURFACING-MATERIAL COUNTERTOPS.
- E. CLOSET AND UTILITY SHELVING.
- 1.2 QUALITY ASSURANCE

A. QUALITY STANDARD: AWI.

- 1.3 MATERIALS A. WOOD PRODUCTS: COMPLY WITH THE FOLLOWING:
 - 1. HARDBOARD: AHA A135.4, MADE WITH BINDER CONTAINING NO UREA
- 2. MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE 130, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
- 3. MOISTURE RESISTANT MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MR50, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
- 4. STRAW-BASED PARTICLEBOARD: ANSI A208.1. GRADE M-2. EXCEPT FOR
- DENSITY, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
- 5. SOFTWOOD PLYWOOD: DOC PS 1 6. VENEER-FACED PANEL PRODUCTS (HARDWOOD PLYWOOD): HPVA HP-1,
- MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE. B. ADHESIVES, GENERAL: DO NOT USE ADHESIVES THAT CONTAIN UREA FORMALDEHYDE.
- C. VOC LIMITS FOR INSTALLATION ADHESIVES AND GLUES: USE INSTALLATION ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24): WOOD GLUES: 30 G/L.
- 2. PANEL ADHESIVE: 50 G/L 3. MULTIPURPOSE CONSTRUCTION ADHESIVE: 70 G/L
- 4. CONTACT ADHESIVE: 80 G/L. a. SPECIAL PURPOSE: 250 G/L
- D. CLOSET AND UTILITY SHELVING:
- 2. SHELF MATERIAL: 3/4-INCH(19-MM) THERMOSET DECORATIVE PANEL WITH PVC
- OR POLYESTER EDGE BANDING. 3. CLEATS: 3/4-INCH(19-MM) PANEL PRODUCT.
- E. SHOP FINISHING: GRADE: SAME GRADE AS WOODWORK.
- 2. EXTENT: ALL WOODWORK SHOP FINISHED.

1.4 INSTALLATION

- A. SCRIBE AND CUT MILLWORK TO FIT ADJOINING WORK, REFINISH CUT SURFACES. AND REPAIR DAMAGED FINISH AT CUTS.
- B. ANCHOR MILLWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR COMPLETE INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH MILLWORK AND MATCHING FINAL FINISH IF TRANSPARENT FINISH IS INDICATED.
- C. CABINETS: INSTALL WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS
- INDICATED. 1. INSTALL CABINETS WITH NO MORE THAN 1/8 INCH IN 96-INCH(3 MM IN 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE. D. COUNTERTOPS: ANCHOR SECURELY BY SCREWING THROUGH CORNER BLOCKS
- OF BASE CABINETS OR OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP. 1. ALIGN ADJACENT SOLID-SURFACING-MATERIAL COUNTERTOPS AND FORM SEAMS TO COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS USING ADHESIVE IN COLOR TO MATCH COUNTERTOP. CAREFULLY DRESS JOINTS SMOOTH, REMOVE SURFACE SCRATCHES, AND CLEAN ENTIRE
- SURFACE. 2. INSTALL COUNTERTOPS WITH NO MORE THAN 1/8 INCH IN 96-INCH (3 MM IN 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
- 3. SECURE COVED BACKSPLASHES TO TOPS PER MANUFACTURES FABRICATION MANUAL AND TO WALLS WITH ADHESIVE. 4. CALK SPACE BETWEEN BACKSPLASH AND WALL WITH SEALANT SPECIFIED IN

END OF SECTION 064000

THERMAL AND MOISTURE PROTECTION

SECTION 072100 - BUILDING INSULATION

- 1.1 SUMMARY
- A. APPLICATIONS PERIMETER INSULATION UNDER SLABS-ON-GRADE.
- 2. PERIMETER WALL INSULATION (SUPPORTING BACKFILL). 3. CONCEALED BUILDING INSULATION.

DIVISION 7 SECTION "JOINT SEALANTS."

- 4. VAPOR RETARDERS. 5. SOUND ATTENUATION INSULATION.
- 1.2 PERFORMANCE REQUIREMENTS A. PLENUM RATING: GLASS ISLAG-WOOL-FIBER/ROCK-WOOLI-FIBER INSULATION RATED FOR RESISTANCE AGAINST EROSION AND MOLD GROWTH PER UL 181.

1.3 MATERIALS

- A. INSULATION: 1. ALL INSULATION MATERIALS LOCATED WITHIN THE WATERPROOF MEMBRANE MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING
- METHODOLOGIES AND VOC THRESHOLDS. B. VAPOR RETARDERS: [POLYETHYLENE] [REINFORCED POLYETHYLENE] [FIRE-RETARDANT, REINFORCED POLYETHYLENE] [FOIL-POLYESTER FILM].

END OF SECTION 072100

THERMAL AND MOISTURE PROTECTION

SECTION 078413 - PENETRATION FIRESTOPPING

- 1.1 SUBMITTALS A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- 1.2 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: AN FM GLOBAL-APPROVED FIRESTOP CONTRACTOR OR A UL-QUALIFIED FIRESTOP CONTRACTOR. B. FIRE-TEST-RESPONSE CHARACTERISTICS: TESTED PER ASTM E 814 BY QUALIFIED TESTING AND INSPECTING AGENCY.
- 1.3 PENETRATION FIRESTOPPING A. PENETRATIONS IN FIRE-RESISTANCE-RATED WALLS: F-RATINGS PER ASTM E 814 OR

ACCORDING TO ASTM E 2174 REQUIREMENTS.

B. PENETRATIONS IN HORIZONTAL ASSEMBLIES: F- AND T-RATINGS PER ASTM E 814 OR UL 1479. C. PENETRATIONS IN SMOKE BARRIERS: L-RATINGS PER UL 1479. D. W-RATINGS: PER UL 1479.

E. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE INTERIOR SEALANTS AND

SEALANT PRIMERS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT

WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24): 1. SEALANTS: 250 G/L. 2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.

3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.

1.4 INSTALLATION

ATTACHED. 1.5 FIELD QUALITY CONTROL A. INSPECTION OF INSTALLED FIRESTOP SYSTEMS: BY OWNER-ENGAGED AGENCY

A. IDENTIFICATION: PREPRINTED METAL OR PLASTIC LABELS, PERMANENTLY

END OF SECTION 078413

THERMAL AND MOISTURE PROTECTION

SECTION 078446 - FIRE-RESISTIVE JOINT SYSTEMS

1.1 SUMMARY

- A. FIRE-RESISTIVE JOINT SYSTEMS FOR THE FOLLOWING:
 - JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS. JOINTS AT EXTERIOR CURTAIN-WALL/FLOOR INTERSECTIONS. 3. JOINTS IN SMOKE BARRIERS.
- 1.2 PERFORMANCE REQUIREMENTS A. FIRE-RESISTANCE RATINGS OF JOINT SYSTEMS IN AND BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS: EQUALING OR EXCEEDING THE FIRE-RESISTANCE RATINGS OF CONSTRUCTION THAT THEY JOIN, [AND WITH

1.3 SUBMITTALS A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

- 1.4 QUALITY ASSURANCE
- A. FIRE-TEST-RESPONSE CHARACTERISTICS: TESTED BY QUALIFIED TESTING AND INSPECTING AGENCY.

MOVEMENT CAPABILITIES INDICATED LAS DETERMINED BY UL 2079.

- 1.5 FIRE-RESISTIVE JOINT SYSTEMS A. DESIGNATION SYSTEM FOR JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS: ALPHANUMERIC SYSTEMS LISTED IN UL'S "FIRE RESISTANCE
- DIRECTORY" UNDER PRODUCT CATEGORY XHBN. B. JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTION: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF CONSTRUCTION THEY WILL JOIN.
- C. JOINTS AT EXTERIOR CURTAIN-WALL/FLOOR INTERSECTIONS: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF THE FLOOR ASSEMBLY. D. JOINTS IN SMOKE BARRIERS:
- 1. L-RATING: NOT EXCEEDING 5.0 CFM/FT (0.00775 CU. M/S X M) OF JOINT AT 0.30 INCH WG (74.7 PA) AT BOTH AMBIENT AND ELEVATED TEMPERATURES.
- E. EXPOSED FIRE-RESISTIVE JOINT SYSTEMS: PROVIDE PRODUCTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450. RESPECTIVELY, AS DETERMINED PER ASTM E 84.
- F. VOC CONTENT: FIRE-RESISTIVE JOINT SYSTEM SEALANTS SHALL COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):

ARCHITECTURAL SEALANTS: 250 G/L

2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L. G. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L. H. ACCESSORIES: FORMING MATERIALS AND OTHER COMPONENTS NEEDED TO

END OF SECTION 078446

THERMAL AND MOISTURE PROTECTION

INSTALL FILL MATERIALS AND MAINTAIN RATINGS REQUIRED.

SECTION 079200 - JOINT SEALANTS

- A. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE INTERIOR SEALANTS AND SEALANT PRIMERS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
- 2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L. 3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.
- JOINTS THAT WILL COME IN REPEATED CONTACT WITH FOOD, PROVIDE PRODUCTS THAT COMPLY WITH 21 CFR 177.2600. C. ELASTOMERIC JOINT SEALANTS: LIQUID APPLIED, CHEMICALLY CURING;
- 1. MULTICOMPONENT NONSAG NEUTRAL-CURING SILICONE SEALANT ES-1. 2. SINGLE-COMPONENT MILDEW-RESISTANT NEUTRAL-CURING SILICONE SEALANT

B. SUITABILITY FOR CONTACT WITH FOOD: WHERE SEALANTS ARE INDICATED FOR

- 3. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING SILICONE SEALANT
- 4. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING RTV SILICONE SEALANT

MULTICOMPONENT NONSAG POLYUREA SEALANT ES-5.

6. MULTICOMPONENT NONSAG POLYUREA FILLER ES-6. D. LATEX SEALANT LS-1: COMPLY WITH ASTM C 834, TYPE P. GRADE NF. E. JOINT-SEALANT BACKING:

1. SEALANTS: 250 G/L.

- 1.2 JOINT-SEALANT SCHEDULE A. JOINT-SEALANT APPLICATION JS-1: EXTERIOR HORIZONTAL NONTRAFFIC AND
- TRAFFIC ISOLATION AND CONTRACTION JOINTS IN CAST-IN-PLACE CONCRETE
- 1. JOINT SEALANT: ES-5. JOINT-SEALANT APPLICATION JS-2: EXTERIOR PERIMETER JOINTS BETWEEN WALL AND FRAMES OF DOORS AND WINDOWS. 1. JOINT SEALANT: ES-1.
- C. JOINT-SEALANT APPLICATION JS-3: EXTERIOR CONTROL AND EXPANSION JOINTS IN HORIZONTAL TRAFFIC SURFACES OF BRICK PAVERS, CERAMIC TILE, STONE PAVING UNITS, CONCRETE TILE.
- 2. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S D. JOINT-SEALANT APPLICATION JS-4: INTERIOR PERIMETER JOINTS OF EXTERIOR OPENINGS.

JOINT SEALANT: MULTICOMPONENT POURABLE POLYSULFIDE SEALANT.

- E. JOINT-SEALANT APPLICATION JS-5: INTERIOR CERAMIC TILE EXPANSION, CONTROL, CONTRACTION, AND ISOLATION JOINTS IN HORIZONTAL TRAFFIC SURFACES. I. JOINT SEALANT: ES-3.
- 2. JOINT-SEALANT COLOR: AS NOTED. F. JOINT-SEALANT APPLICATION JS-6: INTERIOR JOINTS BETWEEN PLUMBING FIXTURES AND ADJOINING WALLS, FLOORS, AND COUNTERS. 1. JOINT SEALANT: ES-3.
- 2. JOINT-SEALANT COLOR: TRANSLUCENT. G. JOINT-SEALANT APPLICATION JS-7: VERTICAL JOINTS ON EXPOSED SURFACES OF INTERIOR PARTITIONS.

H. JOINT-SEALANT APPLICATION JS-8: PERIMETER JOINTS BETWEEN INTERIOR WALL

J. JOINT-SEALANT APPLICATION JS-10: NON-POROUS MATERIAL TO NON-POROUS

SURFACES AND FRAMES OF INTERIOR DOORS, WINDOWS.

JOINT-SEALANT APPLICATION JS-9: HVAC JOINTS. JOINT SEALANT: ES-2. 2. JOINT-SEALANT COLOR: ALUMINUM.

1. JOINT SEALANT: ES-3

1. JOINT SEALANT: ES-3.

1. JOINT SEALANT: ES-4.

2. JOINT-SEALANT COLOR: CLEAR. **END OF SECTION 079200**

MATERIA



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No:	Date:	Description:

Revisions:



 \Box

Project Title Stretch 7350 J. Baton 1/4" = 1'-0" Scale Graphic Scale Project

Checked By: JM Drawn By: JM Issued PERMIT DRAWINGS For Date Issued

Sheet

DOORS AND WINDOWS

SECTION 081130 - HOLLOW METAL DOORS AND FRAMES

1.1 SUMMARY A. STANDARD HOLLOW METAL DOORS AND FRAMES.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, CORE DESCRIPTIONS,

FIRE-RESISTANCE RATING. TEMPERATURE-RISE RATINGS, AND FINISHES. B. SHOP DRAWINGS: INCLUDE THE FOLLOWING:

1. ELEVATIONS OF EACH DOOR DESIGN. 2. DETAILS OF DOORS, INCLUDING VERTICAL AND HORIZONTAL EDGE DETAILS

AND METAL THICKNESSES. 3. FRAME DETAILS FOR EACH FRAME TYPE, INCLUDING DIMENSIONED PROFILES

AND METAL THICKNESSES.

4. LOCATIONS OF REINFORCEMENT AND PREPARATIONS FOR HARDWARE. DETAILS OF EACH DIFFERENT WALL OPENING CONDITION.

DETAILS OF ANCHORAGES, JOINTS, FIELD SPLICES, AND CONNECTIONS. DETAILS OF ACCESSORIES.

DETAILS OF MOLDINGS, REMOVABLE STOPS, AND GLAZING. 9. DETAILS OF CONDUIT AND PREPARATIONS FOR POWER, SIGNAL, AND CONTROL

1.3 INTERIOR FRAMES

A. STANDARD-DUTY FRAMES: SDI A250.8, LEVEL 1. AT LOCATIONS INDICATED IN

THE DOOR AND FRAME SCHEDULE. 1. PHYSICAL PERFORMANCE: LEVEL C ACCORDING TO SDI A250.4.

2. FRAMES:

a. MATERIALS: UNCOATED, COLD-ROLLED STEEL SHEET, MINIMUM THICKNESS OF 0.042 INCH (1.0 MM).

b. CONSTRUCTION: KNOCKED DOWN.

1.4 EXTERIOR HOLLOW-METAL DOORS AND FRAMES A. HEAVY-DUTY DOORS AND FRAMES: SDI A250.8, LEVEL 2. AT LOCATIONS

INDICATED IN THE DOOR AND FRAME SCHEDULE. 1. PHYSICAL PERFORMANCE: LEVEL B ACCORDING TO SDI A250.4, UL 752 LEVEL 2 BULLET RESISTANT.

a. TYPE: AS INDICATED IN THE DOOR AND FRAME SCHEDULE. b. THICKNESS: 1-3/4 INCHES (44.5 MM.) c. FACE: METALLIC-COATED STEEL SHEET, WITH MINIMUM A40 (ZF120)

d. EDGE CONSTRUCTION: MODEL 1. FULL FLUSH. e. CORE: MANUFACTURER'S STANDARD KRAFT-PAPER HONEYCOMB. POLYSTYRENE, POLYURETHANE, POLYISOCYANURATE, MINERAL-BOARD,

FRAMES: a. MATERIALS: METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF

OR VERTICAL STEEL-STIFFENER CORE AT MANUFACTURER'S DISCRETION.

0.053 INCH (1.3 MM), WITH MINIMUM A40 (ZF120) COATING. B. FINISHES: [FACTORY PRIMING FOR FIELD PAINTING] [FACTORY-APPLIED PAINT].

1.5 INSTALLATION

A. METAL-STUD PARTITIONS AND CONCRETE WALLS: FRAMES FILLED WITH INSULATION.

B. MASONRY WALLS: FRAMES FILLED WITH GROUT.

END OF SECTION 081130

DOORS AND WINDOWS

SECTION 081416 - FLUSH WOOD DOORS

1.1 SUBMITTALS

CORE AND EDGE CONSTRUCTION AND TRIM FOR OPENINGS. B. SHOP DRAWINGS: INDICATE LOCATION, SIZE, AND HAND OF EACH DOOR ELEVATION OF EACH KIND OF DOOR; CONSTRUCTION DETAILS NOT COVERED IN PRODUCT DATA; LOCATION AND EXTENT OF HARDWARE BLOCKING; AND OTHER PERTINENT DATA.

A. PRODUCT DATA: FOR EACH TYPE OF DOOR INDICATED. INCLUDE DETAILS OF

1. INDICATE DIMENSIONS AND LOCATIONS OF MORTISES AND HOLES FOR HARDWARE.

INDICATE DIMENSIONS AND LOCATIONS OF CUTOUTS.

INDICATE REQUIREMENTS FOR VENEER MATCHING. INDICATE DOORS TO BE FACTORY FINISHED AND FINISH REQUIREMENTS.

INDICATE FIRE-PROTECTION RATINGS FOR FIRE-RATED DOORS WARRANTY: SAMPLE OF SPECIAL WARRANTY.

1.2 QUALITY ASSURANCE

A. QUALITY STANDARD: AWI.

AWI QUALITY CERTIFICATION LABELS OR AN AWI LETTER OF LICENSING FOR

2. WI-CERTIFIED COMPLIANCE CERTIFICATE FOR DOORS AND INSTALLATION.

B. FIRE-RATED WOOD DOORS: POSITIVE PRESSURE TESTING.

1.3 DOOR CONSTRUCTION, GENERAL A. LOW-EMITTING MATERIALS: MADE WITH ADHESIVES AND COMPOSITE WOOD

PRODUCTS THAT DO HAVE NO ADDED UREA FORMALDEHYDE.

B. WDMA I.S.1-A PERFORMANCE GRADE: HEAVY DUTY UNLESS OTHERWISE INDICATED.

1.4 VENEERED-FACED DOORS FOR TRANSPARENT FINISH

A. INTERIOR SOLID-CORE DOORS: CORE: PARTICLEBOARD.

2. CONSTRUCTION: FIVE OR SEVEN PLIES, BONDED.

1.5 PRIMING/FINISHING

A. SHOP PRIMING: DOORS FOR OPAQUE FINISH: ONE COAT OF WOOD PRIMER. DOORS FOR TRANSPARENT FINISH: STAIN AND FIRST COAT OF FINISH.

B. FACTORY FINISHING: ALL DOORS.

END OF SECTION 081416

DOORS AND WINDOWS

SECTION 087100 - DOOR HARDWARE

1.1 SUMMARY A. COMMERCIAL DOOR HARDWARE FOR SWINGING DOORS.

B. OTHER DOORS TO THE EXTENT INDICATED. C. CYLINDERS FOR DOORS SPECIFIED IN OTHER SECTIONS.

1.2 SUBMITTALS

A. PRODUCT DATA: INCLUDE CONSTRUCTION AND INSTALLATION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND

1.3 WARRANTY

A. WARRANTY PERIOD: ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION, **EXCEPT AS FOLLOWS:**

. MANUAL CLOSERS: 25 YEARS FROM DATE OF INVOICE. CYLINDRICAL LOCKSETS: TWO YEARS FROM DATE OF INVOICE.

1.4 MAINTENANCE SERVICE A. FULL-MAINTENANCE SERVICE: SIX MONTHS.

1.5 PRODUCTS

A. CYLINDERS AND KEYING: CONSTRUCTION KEYING: CONSTRUCTION [MASTER KEYS] [CORES].

EXIT DEVICES: FIVE YEARS FROM DATE OF INVOICE.

2. KEYING SYSTEM: a. GRAND MASTER KEY.

D. LOCKS MASTER KEYED OR GRAND MASTER KEYED TO EXISTING SYSTEM.

. ALL CYLINDERS KEYED ALIKE.

d. KEYS: NICKEL SILVER. 1) STAMPING: PERMANENTLY INSCRIBE EACH KEY WITH A LOCKNET KEY

CONTROL NUMBER, STATE CODE, AND INCLUDE THE FOLLOWING NOTATION:

a) NOTATION: "DO NOT DUPLICATE." 2) QUANTITY: IN ADDITION TO ONE EXTRA KEY BLANK FOR EACH LOCK.

PROVIDE THE FOLLOWING: a) CYLINDER CHANGE KEYS: TWO.

b) CONSTRUCTION KEYS: FOUR. c) MASTER KEYS: FOUR. d) GRAND MASTER KEYS: TWO.

1.6 FIELD QUALITY CONTROL

A. INDEPENDENT ARCHITECTURAL HARDWARE CONSULTANT: [OWNER] [CONTRACTOR] ENGAGED TO PERFORM INSPECTIONS.

B. OCCUPANCY ADJUSTMENT: THREE MONTHS.

END OF SECTION 087100

FINISHES

SECTION 092216 - NON-STRUCTURAL STEEL FRAMING

A. NON-LOAD-BEARING STEEL FRAMING MEMBERS FOR INTERIOR FRAMING SYSTEMS.

1.2 MATERIALS

A. STEEL FRAMING FOR FRAMED ASSEMBLIES:

B. FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS

1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C 645 REQUIREMENTS FOR

METAL, UNLESS OTHERWISE INDICATED. 2. PROTECTIVE COATING: COATING WITH EQUIVALENT CORROSION RESISTANCE OF ASTM A 653/A 653M, G40 (Z120), HOT-DIP GALVANIZED, UNLESS OTHERWISE

1.3 STEEL FRAMING FOR FRAMED ASSEMBLIES A. SALVAGED MATERIAL: USE SALVAGED FRAMING MATERIALS WHENEVER AVAILABLE.

B. STEEL STUDS AND RUNNERS: ASTM C 645. MINIMUM BASE-METAL THICKNESS: 0.033 INCH (0.84 MM) UNLESS

OTHERWISE INDICATED ON DRAWINGS.

2. DEPTH: AS INDICATED ON DRAWINGS. C. DIMPLED STEEL STUDS AND RUNNERS:

MINIMUM BASE-METAL THICKNESS: 0.025 INCH (0.64 MM). 2. DEPTH: AS INDICATED ON DRAWINGS.

D. SLIP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE ONE OF THE FOLLOWING: SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 645 TOP RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS, INSTALLED WITH STUDS FRICTION FIT INTO TOP RUNNER AND WITH

CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING. DOUBLE-RUNNER SYSTEM: ASTM C 645 TOP RUNNERS, INSIDE RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER RUNNER SIZED TO FRICTION

FIT INSIDE RUNNER. 3. DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR PARTITION FRAMING RESULTING FROM DEFLECTION OF STRUCTURE ABOVE: IN THICKNESS NOT LESS THAN

INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS. E. COLD-ROLLED CHANNEL BRIDGING: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.

DEPTH: 1-1/2 INCHES (38.1 MM). 2. CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38.1 BY 38.1 MM), 0.068-INCH- (1.73-MM-) THICK, GALVANIZED STEEL.

HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645.

1. MINIMUM BASE METAL THICKNESS: AS INDICATED ON DRAWINGS. 2. DEPTH: AS INDICATED ON DRAWINGS.

G. COLD-ROLLED FURRING CHANNELS: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES. 1. DEPTH: AS INDICATED ON DRAWINGS.

2. FURRING BRACKETS: ADJUSTABLE, CORRUGATED-EDGE TYPE OF STEEL SHEET WITH MINIMUM BARE-STEEL THICKNESS OF 0.0312 INCH (0.79 MM). 3. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH- (1.59-MM-) DIAMETER WIRE, OR DOUBLE STRAND OF

0.0475-INCH- (1.21-MM-) DIAMETER WIRE. H. Z-SHAPED FURRING: WITH SLOTTED OR NONSLOTTED WEB, FACE FLANGE OF 1-1/4 INCHES (31.8 MM), WALL ATTACHMENT FLANGE OF 7/8 INCH (22.2 MM), MINIMUM BARE-METAL THICKNESS OF 0.0179 INCH (0.45 MM), AND DEPTH REQUIRED TO FIT INSULATION THICKNESS INDICATED.

END OF SECTION 092216

FINISHES

SECTION 092900 - GYPSUM BOARD

1.1 SUMMARY

A. INTERIOR GYPSUM BOARD.

B. TILE BACKING PANELS.

1.2 SUBMITTALS A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

B. SAMPLES: FOR THE FOLLOWING PRODUCTS: 1. TEXTURED FINISHES: MANUFACTURER'S STANDARD SIZE FOR EACH TEXTURED FINISH INDICATED AND ON SAME BACKING INDICATED FOR WORK.

1.3 MATERIALS

A. INTERIOR GYPSUM BOARD: GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE

a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.

2. TYPE X: a. THICKNESS: 5/8 INCH (15.9 MM).

a. CORE: 5/8 INCH(15.9 MM), TYPE X.

b. LONG EDGES: TAPERED. 3. MOISTURE- AND MOLD-RESISTANT TYPE: WITH MOISTURE- AND MOLD-RESISTANT CORE AND SURFACES.

b. LONG EDGES: TAPERED.

c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274. B. TILE-BACKING PANELS:

1. GLASS-MAT, WATER-RESISTANT BACKING BOARD: ASTM C 1178/C 1178M, WITH MANUFACTURER'S STANDARD EDGES. a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD

b. CORE: 5/8 INCH (15.9 MM), TYPE X. c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO **ASTM D 3274**

USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.

2. CEMENTITIOUS BACKER UNITS: ANSI A118.9 AND ASTM C 1288 OR 1325, WITH MANUFACTURER'S STANDARD EDGES.

a. THICKNESS: [1/4 INCH (6.4 MM)] [AS INDICATED]. b. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO **ASTM D 3274** C. TRIM ACCESSORIES:

a. INTERIOR: CORNERBEAD.

END OF SECTION 092900

FINISHES

A. PAVER, GLAZED, WALL TILE, AND THIN PORCELAIN TILE

B. WATERPROOF MEMBRANE FOR THIN-SET TILE INSTALLATIONS. C. METAL EDGE STRIPS INSTALLED AS PART OF TILE INSTALLATIONS.

A. MOCKUPS FOR EACH FORM OF CONSTRUCTION.

1.3 MATERIALS

A. GLAZED WALL TILE TRIM SHAPES: COVED BASE, BULLNOSE CAP. B. THRESHOLDS: SATIN ANODIZED ALUMINUM THRESHOLDS AND TRANSITION STRIPS. 1. BEVEL EDGES AT 1:2 SLOPE, WITH LOWER EDGE OF BEVEL ALIGNED WITH OR UP TO 1/16 INCH (1.5 MM) ABOVE ADJACENT FLOOR SURFACE. FINISH BEVEL TO MATCH TOP SURFACE OF THRESHOLD. LIMIT HEIGHT OF THRESHOLD TO

SECTION 093000 - TILING

1/2 INCH (12.7 MM) OR LESS ABOVE ADJACENT FLOOR SURFACE. MORTAR: LATEX-PORTLAND CEMENT D. ELASTOMERIC SEALANTS: ONE-PART, MILDEW-RESISTANT SILICONE. 1. SEALANTS SHALL HAVE A VOC CONTENT OF 250 G/L OR LESS WHEN

CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.4 FLOOR TILE INSTALLATION SCHEDULE A. INTERIOR FLOORS ON CONCRETE: THIN-SET MORTAR.

1. TILE TYPE: UNGLAZED PAVER TILE. MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT. 3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING

B. INTERIOR FLOORS ON [WATERPROOF] [CRACK-SUPPRESSION] MEMBRANE OVER CONCRETE AND WOOD: THIN-SET MORTAR. 1. TILE TYPE: UNGLAZED PAVER TILE.

MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT. 3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING

1. MORTAR: LATEX- PORTLAND CEMENT MORTAR

GROUT WIDTH PER MANUFACTURER OR AS NOTED.

1.5 WALL TILE INSTALLATION SCHEDULE A. INTERIOR WALLS OVER GLASS-MAT WATER-RESISTANT BACKER BOARD OR CEMENTITIOUS BACKER UNITS: THIN-SET MORTAR.

A. ALL TILE AND SLATE TO BE INSTALLED PER TILE COUNCIL OF AMERICA STANDARDS.

2. GROUT: POLYMER-MODIFIED UNSANDED GROUT SUPPLIED BY GC.

END OF SECTION 093000

FINISHES

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

1.1 SUMMARY A. ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. B. COORDINATION DRAWINGS: REFLECTED CEILING PLANS, DRAWN TO SCALE, ON WHICH THE FOLLOWING ITEMS ARE SHOWN AND COORDINATED WITH EACH OTHER,

BASED ON INPUT FROM INSTALLERS OF THE ITEMS INVOLVED: . CEILING SUSPENSION SYSTEM MEMBERS METHOD OF ATTACHING HANGERS TO BUILDING STRUCTURE.

3. CEILING-MOUNTED ITEMS INCLUDING LIGHTING FIXTURES, DIFFUSERS, GRILLES, SPEAKERS, SPRINKLERS, ACCESS PANELS, AND SPECIAL MOLDINGS. C. SAMPLES FOR VERIFICATION: FOR EACH COMPONENT INDICATED AND FOR EACH EXPOSED FINISH REQUIRED, PREPARED ON SAMPLES OF SIZE INDICATED BELOW.

PATTERN, AND TEXTURE. 2. EXPOSED SUSPENSION SYSTEM MEMBERS, MOLDINGS, AND TRIM: SET OF 12-INCH-(300-MM-) LONG SAMPLES OF EACH TYPE, FINISH, AND COLOR.

ACOUSTICAL PANEL: SET OF FULL-SIZE SAMPLES OF EACH TYPE, COLOR,

D. QUALIFICATION DATA: FOR TESTING AGENCY. E. FIELD QUALITY-CONTROL TEST REPORTS.

F. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY A QUALIFIED TESTING AGENCY, FOR EACH ACOUSTICAL PANEL

G. MAINTENANCE DATA: FOR FINISHES TO INCLUDE IN MAINTENANCE MANUALS.

1.3 QUALITY ASSURANCE A. ACOUSTICAL PANEL QUALITY STANDARD: ASTM E 1264. B. METAL SUSPENSION SYSTEM QUALITY STANDARD: ASTM C 635.

1.4 MATERIALS

A. ACOUSTICAL CEILING PANELS GENERAL: MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED

STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS. B. ACOUSTICAL CEILING PANELS WASHABLE CLASSIFICATION: TYPE IV, MINERAL BASE WITH MEMBRANE-FACED OVERLAY; FORM 2, WATER FELTED; WITH VINYL OVERLAY ON FACE; PATTERN G (SMOOTH)

COLOR: AS INDICATED ON DRAWINGS.

THICKNESS: 5/8 INCH (15 MM). MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM) BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273

AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21. C. ACOUSTICAL CEILING PANELS TEXTURED: 1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER

FELTED; PATTERN E (LIGHTLY TEXTURED).

2. COLOR: AS INDICATED ON DRAWINGS. THICKNESS: 5/8 INCH (15 MM).

COLOR: AS INDICATED ON DRAWINGS.

MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM). BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273 AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.

D. ACOUSTICAL CEILING PANELS PERFORATED: 1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER FELTED: PATTERN CE (PERFORATED, SMALL HOLES AND LIGHTLY

THICKNESS: 3/4 INCH(15 MM). MODULAR SIZE: 24 BY 48 INCHES(610 BY 1220 MM). BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD. MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273

E. METAL SUSPENSION SYSTEMS WIDE-FACE, CAPPED, DOUBLE-WEB STEEL: INTERMEDIATE DUTY

TEXTURED)

F. METAL EDGE MOLDINGS AND TRIM: ROLL-FORMED SHEET METAL. 1.5 INSTALLATION A. INSTALLATION: ASTM C 636.

AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.

A. TESTING: BY OWNER-ENGAGED AGENCY TO TEST ACOUSTICAL PANEL CEILING

HANGER FASTENERS.

END OF SECTION 095113

1.6 FIELD QUALITY CONTROL



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Revisions:

No:	Date:	Description:

Project Title Stretch

For

Date <u>Issued</u>

Sheet



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1/4" = 1'-0" Scale Graphic Scale Project Drawn By: JM Checked By: JM Issued PERMIT DRAWINGS

FINISHES

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

SECTION 096513 - RESILIENT BASE AND ACCESSORIES PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY A. Section Includes:

Resilient base.

1.3 ACTION SUBMITTALS A. Product Data: For each type of product indicated.

1.4 MATERIALS MAINTENANCE SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. 1. Furnish not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or

fraction thereof, of each type, color, pattern, and size of resilient product installed. 1.5 QUALITY ASSURANCE A. Fire-Test-Response Characteristics: As determined by testing identical products according to

ASTM E 648 or NFPA 253 by a qualified testing agency. 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm. 1.6 DELIVERY, STORAGE, AND HANDLING

A. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F (10 deg C) or more than 90 deg F (32 deg C).

1.7 PROJECT CONDITIONS A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 95 deg F (35 deg C), in spaces to receive resilient products during the following time periods:

1. 48 hours before installation.

During installation.

3. 48 hours after installation. B. Until Substantial Completion, maintain ambient temperatures within range recommended by

manufacturer, but not less than 55 deg F (13 deg C) or more than 95 deg F (35 deg C). C. Install resilient products after other finishing operations, including painting, have been completed. PART 2 - PRODUCTS 2.1 RESILIENT BASE

A. Resilient Base:

a. As indicated on material schedule, A500.

B. Resilient Base Standard: ASTM F 1861. . Material Requirement: Johnsonite standard

2. Style: As indicated on material schedule. C. Color: As indicated on material schedule.

D. Minimum Thickness: Manufacturer's standard Height: As indicated on Drawings.

Lengths: Coils in manufacturer's standard length.

G. Outside Corners: Job formed. H. Inside Corners: Job formed.

2.2 INSTALLATION MATERIALS A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications

B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.

PART 3 - EXECUTION 3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture

content and other conditions affecting performance of the Work. B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.

C. Proceed with installation only after unsatisfactory conditions have been corrected. 3.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient

B. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate. C. Do not install resilient products until they are same temperature as the space where they are to be

1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

D. Sweep and vacuum clean substrates to be covered by resilient products immediately before

3.3 RESILIENT BASE INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

Install resilient base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

Do not stretch resilient base during installation.

F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.

G. Job-Formed Corners: 1. Outside Corners: Use straight pieces of maximum lengths possible. Form without

producing discoloration (whitening) at bends. 2. Inside Corners: Use straight pieces of maximum lengths possible.

3.4 CLEANING AND PROTECTION A. Comply with manufacturer's written instructions for cleaning and protection of resilient products. B. Perform the following operations immediately after completing resilient product installation:

1. Remove adhesive and other blemishes from exposed surfaces. 2. Sweep and vacuum surfaces thoroughly. 3. Damp-mop surfaces to remove marks and soil.

C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period. D. Cover resilient products until Substantial Completion.

END OF SECTION 096513

FINISHES

1.1 PRODUCTS

SECTION 096516 - RESILIENT SHEET FLOORING

A. FLOORING SYSTEM: FLOORSCORE COMPLIANCE. B. VINYL SHEET FLOORING:

BACKING: NONE, UNBACKED. 2. SEAMLESS-INSTALLATION METHOD: HEAT WELDED.

C. RUBBER SHEET FLOORING: . BACKING: NONE, UNBACKED.

2. SEAMLESS-INSTALLATION METHOD: HEAT WELDED. D. INSTALLATION MATERIALS: . TROWELABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT BASED OR BLENDED HYDRAULIC-CEMENT-BASED FORMULATION PROVIDED

OR APPROVED BY RESILIENT SHEET FLOORING MANUFACTURER FOR APPLICATIONS INDICATED. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY FLOORING AND ADHESIVE MANUFACTURERS TO SUIT RESILIENT SHEET FLOORING AND SUBSTRATE CONDITIONS INDICATED.

1. VINYL SHEET ADHESIVES SHALL HAVE A VOC CONTENT OF 50 G/L OR LESS. 2. RUBBER SHEET ADHESIVES SHALL HAVE A VOC CONTENT OF 60 G/L OR LESS.

G. INTEGRAL-FLASH-COVE-BASE ACCESSORIES: 1. COVE STRIP: 1-INCH (25-MM) RADIUS PROVIDED OR APPROVED BY RESILIENT SHEET FLOORING MANUFACTURER.

2. CAP STRIP: [SQUARE METAL, VINYL, OR RUBBER CAP] [TAPERED VINYL CAP] PROVIDED OR APPROVED BY RESILIENT SHEET FLOORING MANUFACTURER.

3. FLOOR POLISH: PROVIDE PROTECTIVE, LIQUID FLOOR-POLISH PRODUCTS RECOMMENDED BY RESILIENT SHEET FLOORING MANUFACTURER.

END OF SECTION 096516

FINISHES

SECTION 099123 - INTERIOR PAINTING

1.1 SUMMARY A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON INTERIOR SUBSTRATES.

1.2 SUBMITTALS

A. SAMPLES FOR VERIFICATION:

1. FOR EACH NON-STANDARD LATEX TOPCOAT COLOR AND GLOSS INDICATED. 2. FOR EACH TYPE OF NON-STANDARD PAINT SYSTEM AND IN EACH COLOR AND GLOSS OF TOPCOAT INDICATED.

1.3 QUALITY ASSURANCE

A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL

PAINTING SPECIFICATION MANUAL." B. MOCKUPS FOR EACH COLOR AND FINISH.

1.4 GENERAL

A. VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES HAVING JURISDICTION WHEN MORE STRINGENT THAN LIMITS NOTED AS FOLLOWS [AND, FOR INTERIOR PAINTS AND COATINGS APPLIED AT PROJECT SITE, THE FOLLOWING VOC LIMITS, EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE **ACCORDING TO SCAQMD (RULE 1113)].**

1. FLAT PAINTS AND COATINGS: 50 G/L

NONFLAT PAINTS AND COATINGS: 50 G/L. PRIMERS, SEALERS, AND UNDERCOATERS: 100 G/L. 4. RUST PREVENTATIVE COATINGS APPLIED TO FERROUS METALS: 250 G/L.

5. FLOOR COATINGS: 50 G/L. 7. FIRE RETARDANT COATINGS, PIGMENTED: 350 G/L.

1.5 INTERIOR PAINTING SCHEDULE A. STEEL SUBSTRATES:

1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: PRIMER, RUST-INHIBITIVE, WATER BASED. . TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

2. QUICK-DRYING ENAMEL SYSTEM: a. PRIME COAT: PRIMER, RUST-INHIBITIVE. WATER BASED.

b. TOPCOAT: ALKYD, QUICK DRY (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

B. GALVANIZED-METAL SUBSTRATES:

1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: PRIMER, GALVANIZED, WATER BASED. b. TOPCOAT: LATEX, INTERIOR, INSTITUTIONAL LOW ODOR/VOC, (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

C. WOOD SUBSTRATES: 1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

D. GYPSUM BOARD SUBSTRATES: 1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

E. HIGH-IMPACT GYPSUM BOARD SUBSTRATES: 1. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX

(GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). F. PLASTER SUBSTRATES: . INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

> b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

G. ACOUSTICAL CEILING TILE: . INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER.

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

END OF SECTION 099123

SPECIALITIES

SECTION 104416- FIRE EXTINGUISHERS

PART 1 - GENERAL 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

A. Section includes portable, hand-carried fire extinguishers and mounting brackets for fire extinguishers.

1.3 ACTION SUBMITTALS A. Product Data: For each type of product indicated. Include rating and classification, material

descriptions, dimensions of individual components and profiles, and finishes for fire extinguisher and mounting brackets. B. Warranty: Sample of special warranty.

1.4 QUALITY ASSURANCE A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."

B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction. 1. Provide fire extinguishers approved, listed, and labeled by FMG. 1.5 COORDINATION A. Coordinate type and capacity of fire extinguishers with fire protection cabinets to ensure fit and f

function. 1.6 WARRANTY A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace

fire extinguishers that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following: a. Failure of hydrostatic test according to NFPA 10. b. Faulty operation of valves or release levers. 2. Warranty Period: Six years from date of Substantial Completion.

PART 2 - PRODUCTS 2.1 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS A. Fire Extinguishers: Type, size, and capacity for each fire protection cabinet and mounting bracket indicated.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following: a. J. L. Industries, Inc.; a division of Activar Construction Products Group.

Valves: Nickel-plated, polished brass body. Handles and Levers: Stainless steel.

4. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B. B. Multipurpose Dry-Chemical Type in Steel Container: UL-rated 4-A:60-B:C, 10-lb (4.5-kg) nominal capacity, with monoammonium phosphate-based dry chemical in heavy duty enameled-steel Model: "Cosmic 10E" or equal

3. Finish: Factory-applied red epoxy, corrosion and impact resistant. 4. Class K Wet Chemical: J. L. Industries "Saturn" or equal.

products to be incorporated into the work include:

2.2 MOUNTING BRACKETS A. Mounting Brackets: Manufacturer's standard, steel construction capable of supporting fire extinguishers under severe vibration conditions, with factory applied red enamel finish. Manufacturers: Subject to compliance with requirements, available manufacturers offering

Rating: UL 4A-60BC, 10 lbs. capacity, approved to -65 degree F, nontoxic.

a. J. L. Industries, Inc.; a division of Activar Construction Products Group. B. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated by Architect.

Identify bracket-mounted fire extinguishers with the words "FIRE EXTINGUISHER" in red letter decals applied to mounting surface. a. Orientation: Vertical.

PART 3 - EXECUTION

3.1 EXAMINATION A. Examine fire extinguishers for proper charging and tagging. 1. Remove and replace damaged, defective, or undercharged fire extinguishers.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION A. General: Install fire extinguishers and mounting brackets in locations indicated and in compliance with requirements of authorities having jurisdiction. 1. Mounting Brackets: 54 inches (1372 mm) above finished floor to top of fire extinguisher.

B. Mounting Brackets: Fasten mounting brackets to surfaces, square and plumb, at locations

END OF SECTION 104416



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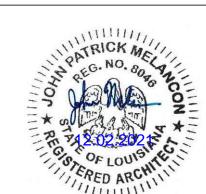
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OWNER / DEVELOPER Grand Construction, LLC Revisions:

No: Date: Description:



Project Title Stretch

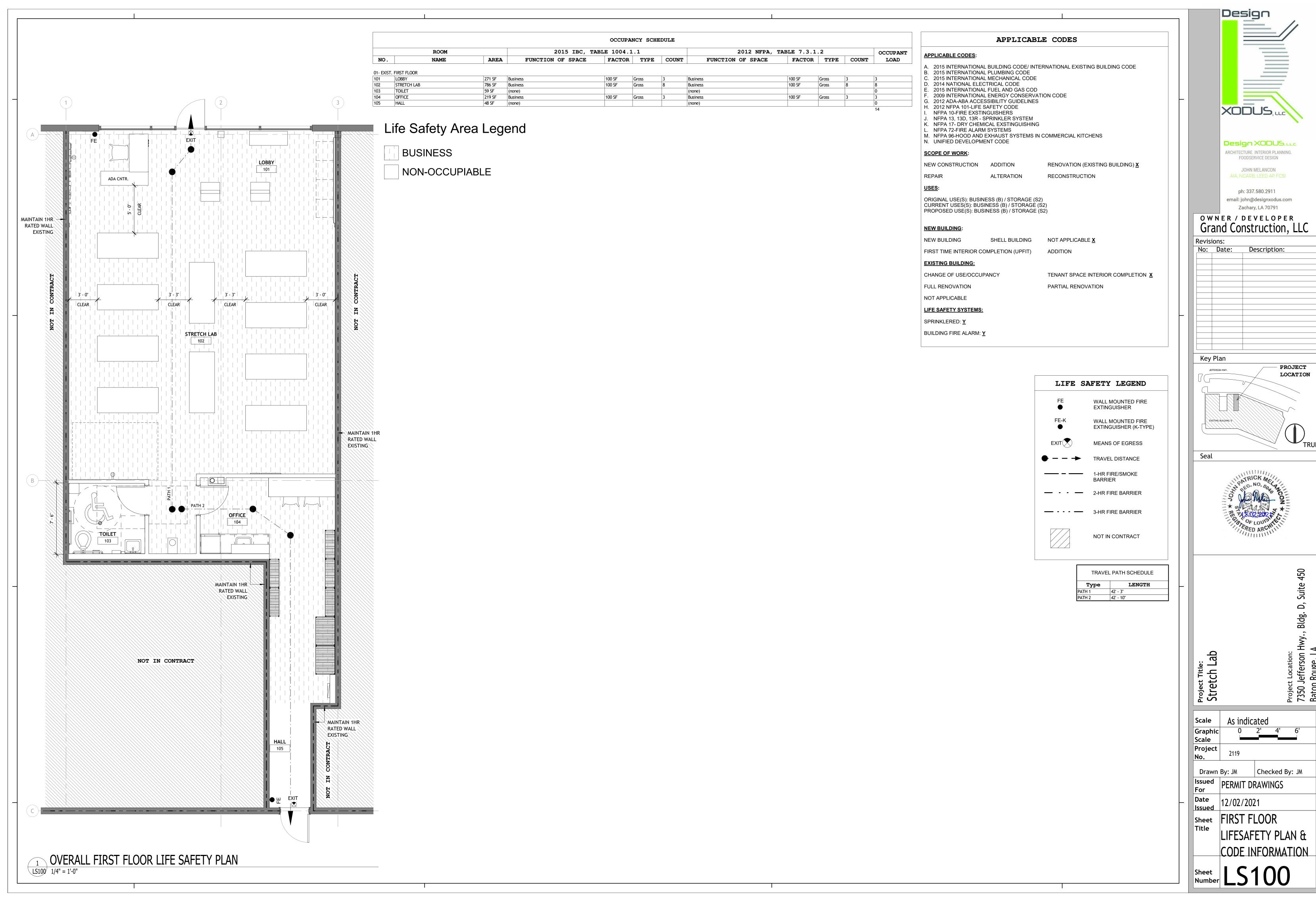
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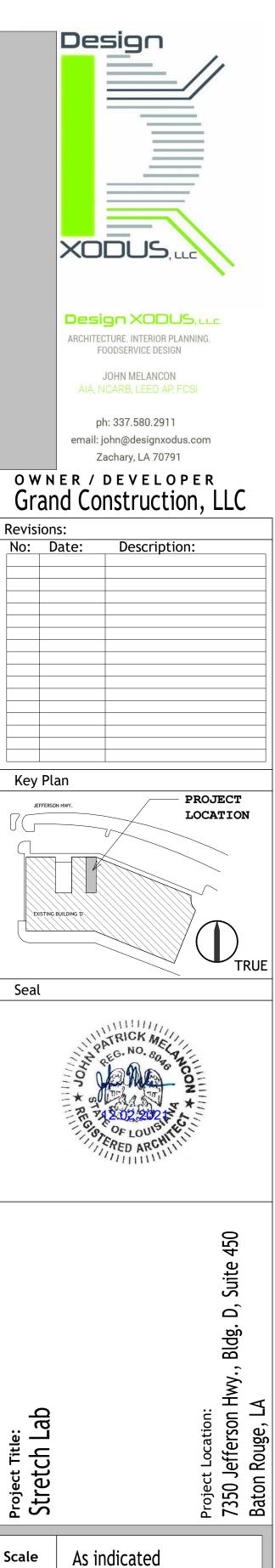
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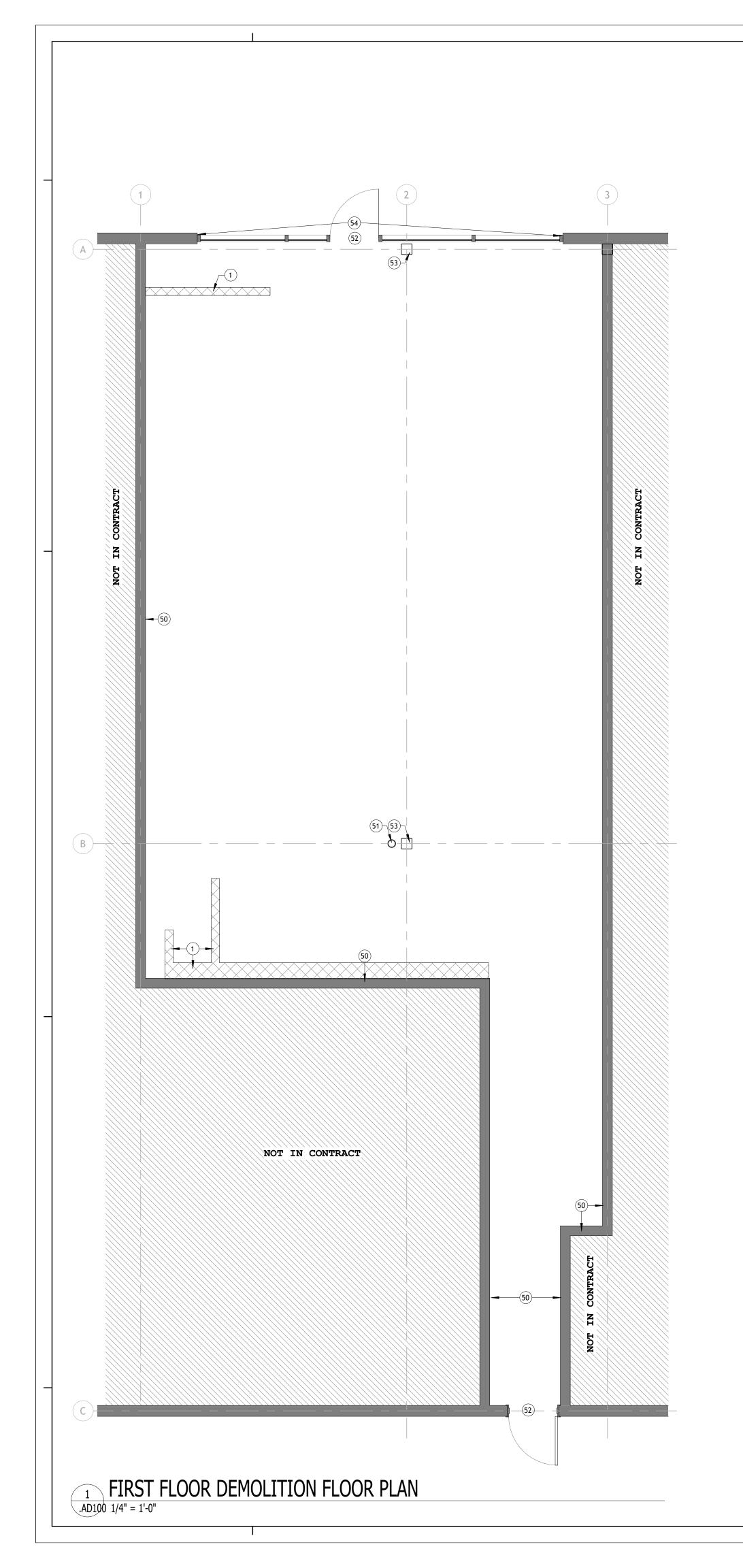
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DEMOLITION GENERAL NOTES

- CONTRACT DOCUMENTS ARE NOT AS-BUILT DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FULLY EXAMINE THE PROJECT SITE PRIOR TO CONSTRUCTION. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AS WELL AS THE CONDITION AND NATURE OF CONSTRUCTION AND AVAILABILTIY OF UTILITIY SERVICES. ANY AND ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
 - ALL WORK TO BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL
 - DO NOT SCALE DRAWINGS.
 - DIMENSIONS ARE TO STRUCTURAL GRID OR TO STUD FACE, UNLESS NOTED OTHERWISE.
 - VERIFY LOCATION OF ALL STRUCTURAL COLUMNS PRIOR TO DEMOLITION.
- DASHED LINES INDICATE ITEMS TO BE REMOVED. THIS INCLUDES, BUT IS NOT LIMITED TO: WALLS, DOORS, WINDOWS, HVAC, EQUIPMENT, PLUMBING EQUIPMENT, FURNITURE, AND
 - THE OWNER SHALL VERIFY IDENTIFY SALVAGED ITEMS BEFORE THE START OF DEMOLITION. GENERAL CONTRACTOR TO REMOVE AND STORE ITEMS IDENTIFIED FOR OWNER SCHEDULED PICKUP. ITEMS MARKED FOR RELOCATION SHALL BE RETURNED TO THE OWNER.
 - IN AREAS WHERE DEMOLITION WORK IS REQUIRED G.C. TO PROVIDE PROTECTION TO ADJACENT FINISHES AND TO PATCH SURFACES TO MATCH EXISTING OR NEW FINISHES.
 - CONTRACTOR TO PROTECT PROTECT ALL SURFACES WITHIN CONSTRUCTION WORK EXTENTS FROM DAMAGE, DUST, AND DEBRIS FOR CONSTRUCTION DURATION.
- PROTECT FIRE ALARM AND SPRINKLER SYSTEM IN WORK EXTENTS AGAINST AIRBORNE DEBRIS AND FALSE POSITIVES.
- CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING, CONFIRMING AND TAGGING ALL ACTIVE UTILITIES TO REMAIN THAT RUN THROUGH AREA OF WORK. THIS INCLUDES BUT IS NOT LIMITED TO: SEWAGE, DOMESTIC WATERLINES, HOT WATER PIPING, ELECTRICAL CONDUIT, CONTROL WIRING AND TELECOMMUNICATIONS WIRING. TAGGING WILL BE USED FOR COORDINATION DURING CONSTRUCTION. COORDINATE WITH FACILITIES.
- UTILITY LOCATIONS SHOWN ARE DIAGRAMATIC AND HAVE NOT BEEN INDIVIDUALLY VERIFIED. GENERAL CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- REMOVE ALL UTILITY LINES SCHEDULED FOR DEMOLITION BACK TO SERVICE ORIGIN. DO NOT
- N. COORDINATE STORAGE, LOADING, AND DELIVERIES WITH FACILITY.
- COORDINATE ALL UTILITY SHUTDOWNS AND SYSTEM MODIFICATIONS WITH FACILITIES PRIOR TO
- CONTRACTOR IS RESPONSIBLE FOR INCLUDING REQUIRED OVERTIME, COORDINATION, AND CONTINGENCY IN GUARANTEED MAXIMUM PRICE TO PERFORM WORK WITHIN SCHEDULE
- CHANGES REQUESTED IN THE FIELD BY OWNER SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO EXECUTION.

DEMOLITION PLAN KEYNOTES

REPRESENTED BY

- CONTRACTOR TO TRENCH EXISTING FLOOR AS REQUIRED FOR NEW PLUMBING DRAINS. CONTRACTOR TO REFER TO MEP DRAWINGS. CONTRACTOR TO CONFIRM PRIOR TO CUTTING THAT ADJACENT ROOF DRAIN IS NOT IMPACTED BY SAW CUTTING. CONTRACTOR SHALL PLACE BACK VAPOR BARRIER AND DOWEL BACK INTO EXISTING SLAB WITH #5 REBAR AT 12" O.C.
- (50. EXISTING FIRE-RATED WALLS TO REMAIN CONTRACTOR TO PROTECT THROUGHOUT CONSTRUCTION TO MAINTAIN FIRE RATING AS REQUIRED AND FIRE CAULK/SEAL ALL PENETRATIONS AS REQUIRED TO MAINTAIN CURRENT RATING.
- (51. EXISTING ROOF DRAIN TO REMAIN. CONTRACTOR TO PROTECT THROUGHOUT CONSTRUCTION.
- EXISTING DOOR AND FRAME TO REMAIN. CONTRACTOR TO MAINTAIN EGRESS HARDWARE AND PROTECT THROUGHOUT CONSTRUCTION.
- (53. EXISTING COLUMNS TO REMAIN. CONTRACTOR TO PROTECT THROUGHOUT CONSTRCUTION.
- EXISTING STOREFRONT SYSTEMS TO REMAIN. CONTRACTOR TO PROTECT THROUGHOUT
- NOTE: KEYNOTES ARE ASSOCIATED WITH EACH INDIVIDUAL DRAWING SHEET, THEREFORE KEYNOTE NUMBERS FROM SHEET TO SHEET WILL VARY (i.e. KEYNOTE NO. 1 IN SITE PLAN KEYNOTES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN DIMENSIONED PLAN KEYNOTES).

CONSTRUCTION. CONTRACTOR TO REPAIR/REPLACE ANY DAMAGED AREAS CAUSED BY WORK.



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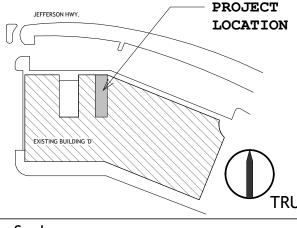
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Zachary, LA 70791 OWNER / DEVELOPER



Key Plan

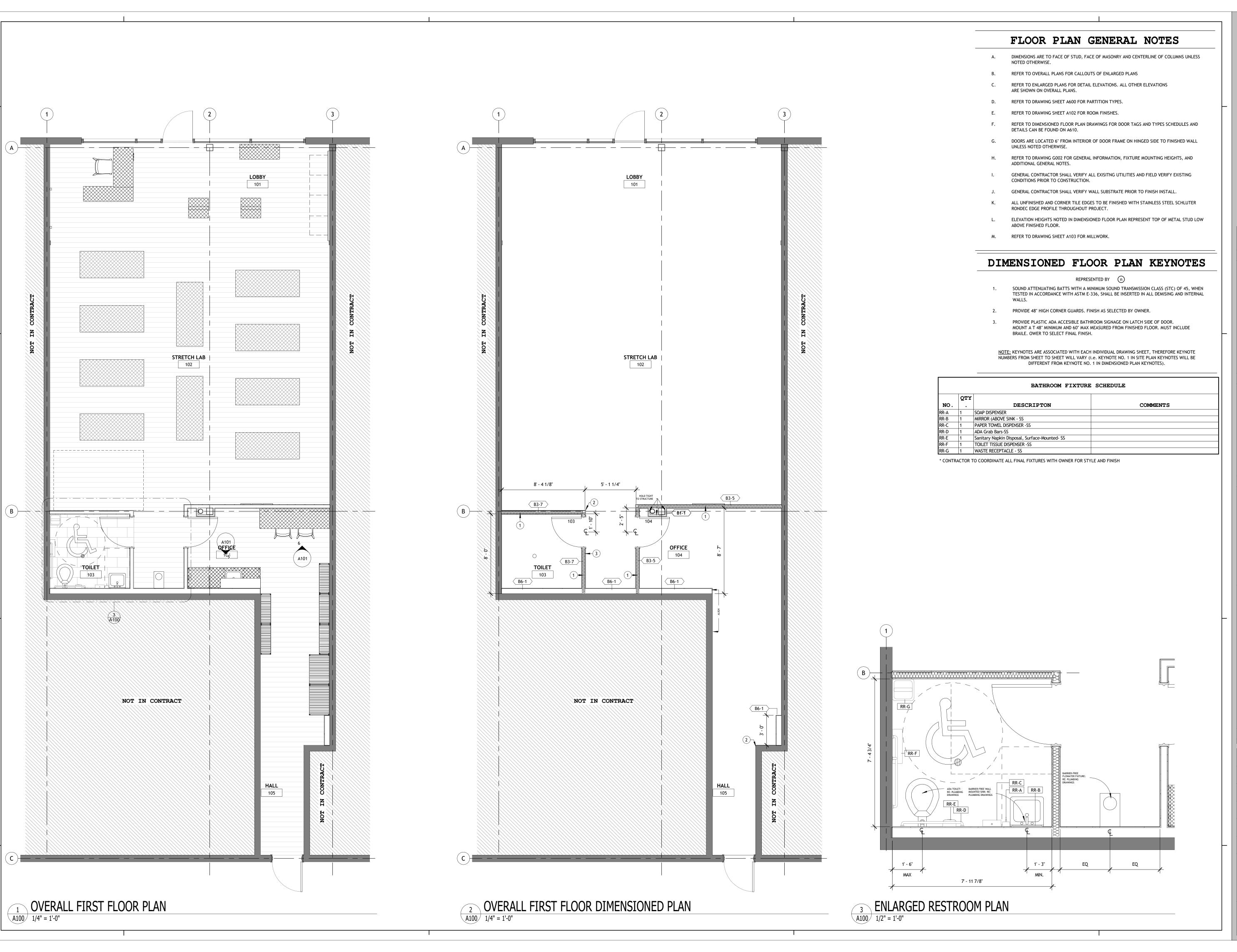


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OVERALL DEMOLITION





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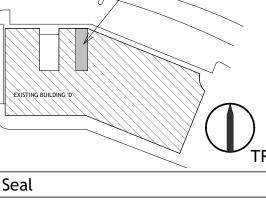
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OWNER / DEVELOPER Grand Construction, LLC

No: Date: Description:

PROJECT LOCATION



Seal

Key Plan



Scale As indicated **Varies** Project

Checked By: JM PERMIT DRAWINGS

12/02/2021

FIRST FLOOR Sheet OVERALL & DIMENSIONED PLAN



FINISH FLOOR PLAN GENERAL NOTES

- CONTRACTOR IS TO TEST SLAB AND USE WORST CASE MOISTURE CONTENT SCENARIO PER MANUFACTURER'S RECOMENDATIONS PRIOR TO INSTALL OF ANY FLOORING MATERIALS.
- CONTRACTOR TO FOLLOW ADA STANDARDS FOR ALL TRANSITION STRIPS BETWEEN MATERIALS.
- CONTRACTOR TO PROTECT EXISTING FLOORING TO REMAIN AND SHALL PATCH AND REPAIR ANY FLOORING DAMAGED DURING CONSTRUCTION.
- CONTRACTOR TO REPLACE EXISTING SLAB COMPONENTS WHERE TRENCHING OCCURS WHICH MUST INCLUDE PATCHING OF EXISTING VAPOR RETARDER AND REBAR DOWLING BACK INTO

COMPLIANT TRANSITIONS, IE: TILE & LVT.

CONTRACTOR TO PROVIDE SLOPE TRANSITION OF MATERIALS AS REQUIRED TO PROVIDED ADA

FINISH FLOOR PLAN KEYNOTES

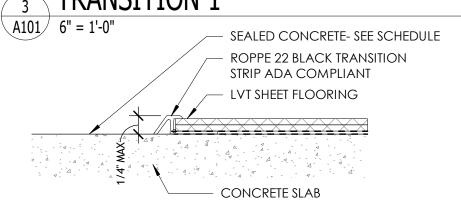
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- PROVIDE LEVEL (4) DRYWAL FINISH THROUGHOUT. COORDIANTE PAINT COLOR LOCATIONS AS
- TRANSITION FROM LVT SHEET FLOORING TO TILE RE: TRANSITION 1
- TRANSITION FROM LVT SHEET FLOORING TO CONCRETE RE: TRANSITION 2

NOTE: KEYNOTES ARE ASSOCIATED WITH EACH INDIVIDUAL DRAWING SHEET, THEREFORE KEYNOTE NUMBERS FROM SHEET TO SHEET WILL VARY (i.e. KEYNOTE NO. 1 IN SITE PLAN KEYNOTES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN DIMENSIONED PLAN KEYNOTES).

FINISH FLOOR MATERIAL LEGEND





4 TRANSITION 2
A101 6" = 1'-0"

MILLWORK PLAN GENERAL NOTES

- ALL CUTOUTS IN ENGINEERED STONE SHALL BE SPACED A MINIMUM OF 2" APART AND/OR PER MANUFACTURERS RECOMMENDATION.
- ALL CUTOUTS SHALL BE SUPPORTED WITHIN 2" MAX OF CUTOUT. NO CUTOUTS SHALL BE ACCEPTED THAT ARE FIELD CUT OTHER THAN GROMMETS OR TRASH RINGS. REFER TO
- MAX SPAN FOR ENGINEERED STONE BETWEEN LOW WALL SUPPORTS AND/OR STAINLESS STEEL LEGS SHALL NOT EXCEED 4'-0" MAX.
- ALL SEAM LOCATIONS SHALL BE SUPPORTED BY LOW WALL AND/OR STAINLESS LEG SUPPORT WITH STEEL CHANNEL RUNNING BACK TO MAIN LOW WALL SUPPORT.
- ALL ENGINEERED STONE BACKSPLASHES AND TOPS SHALL BE SEALED TO ADJACENT WALLS WITH CLEAR SEALANT AS REQUIRED. GAPS BETWEEN ENGINEERED STONE AND WALL SURFACES SHALL NOT EXCEED A 1/4" MAX.
- ALL TILE EDGES AND CORNER TRANSITIONS SHALL BE FINISHED WITH SMALLEST SCHLUTER RONDEC SSTL.PROFILE AND/OR SIMILAR PROFILE THROUGHOUT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE INSTALLATION PROCESS FOR THE FFE PACKAGE (BOTH MILLWORK AND EQUIPMENT).

GENERAL CONTRACTOR SHALL REFER TO CASEWORK & COUNTERTOP SPECIFICATIONS.

- NO EXPOSED PLYWOOD EDGES SHALL BE ACCEPTED. REFER TO CASEWORK
- ALL ENGINEERED STONE COUNTERTOPS SHALL HAVE EASED EDGES.
- ALL WRAPPING ENGINEERED STONE WATERFALL EDGES SHALL HAVE MITERED CORNERS. CORNERS CREATED USING LAP JOINTS SHALL NOT BE ACCEPTED.

NO.	QTY.	DESCRIPTION	EXIST.	COMMENTS	
M-01	1	BENCH SEAT		PROVIDED BY FRANCHISEE	
M-02	2	2- WAY RETAIL DISPLAY		PROVIDED BY FRANCHISEE	
M-03	1	SLAT WALL		PROVIDED BY FRANCHISEE	
M-04	1	FRONT RECEPTION DESK		PROVIDED BY FRANCHISEE	
M-05	10	STRETCH TABLES		PROVIDED BY FRANCHISEE	
M-06	1	WORK TABLE		BY GC	
M-07	1	OFFICE MILLWORK		BY GC	



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ARCHITECTURE. INTERIOR PLANNING FOODSERVICE DESIGN

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email: john@designxodus.com Zachary, LA 70791

OWNER / DEVELOPER Grand Construction, LLC

No: Date: Description:

Key Plan PROJECT LOCATION

Seal



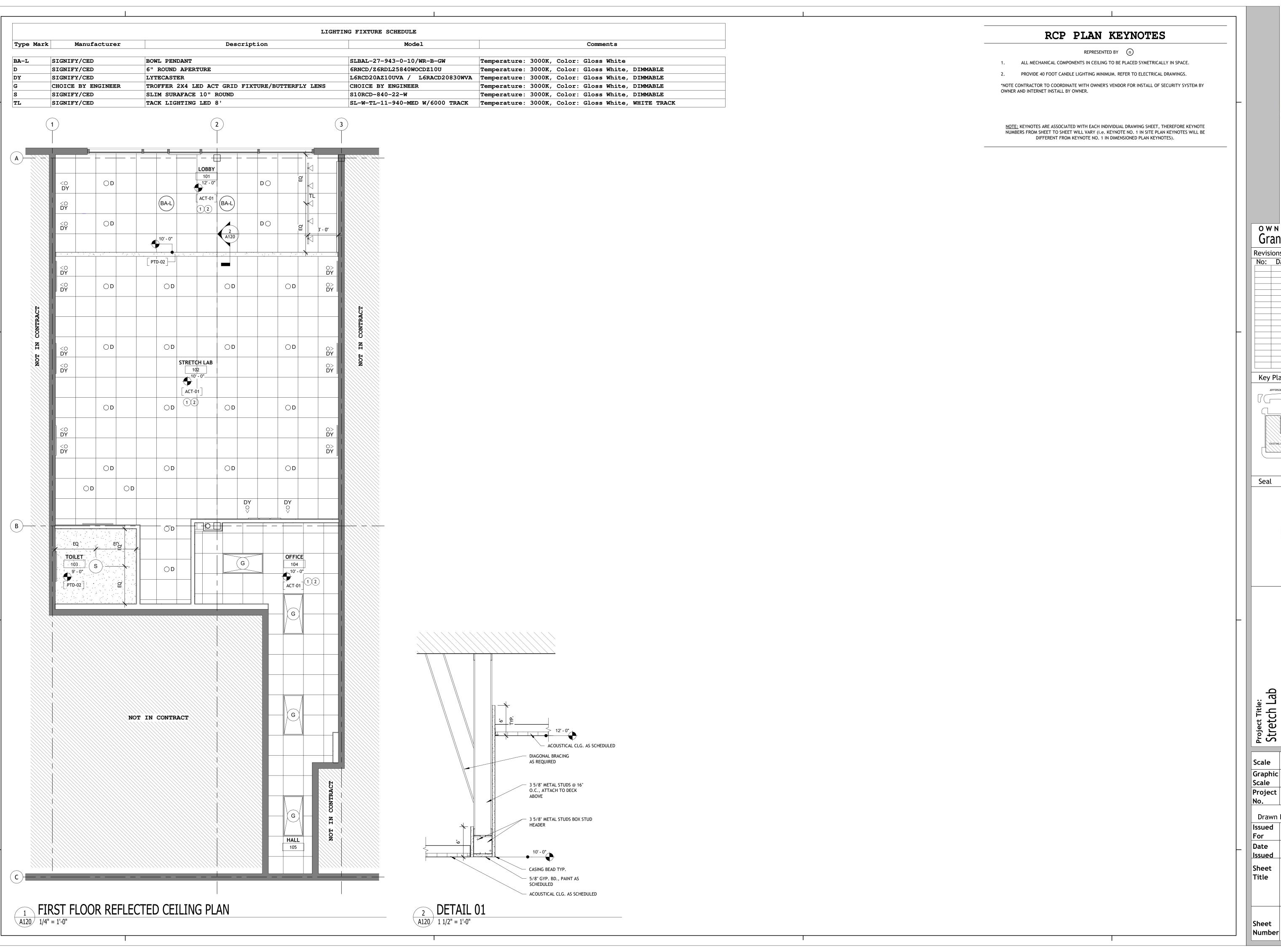
As indicated Scale Graphic **Varies** Scale Project Drawn By: JM Checked By: JM

Issued PERMIT DRAWINGS Date

Project Title: Stretch Lab

12/02/2021 Issued FIRST FLOOR Sheet OVERALL FINISH &

MILLWORK PLAN





Design XODUS, LLC ARCHITECTURE. INTERIOR PLANNING. FOODSERVICE DESIGN

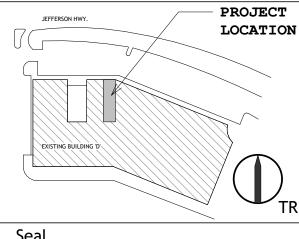
JOHN MELANCON

ph: 337.580.2911 email: john@designxodus.com

Zachary, LA 70791

OWNER / DEVELOPER Grand Construction, LLC

Revisions: No: Date: Description: Key Plan



Seal

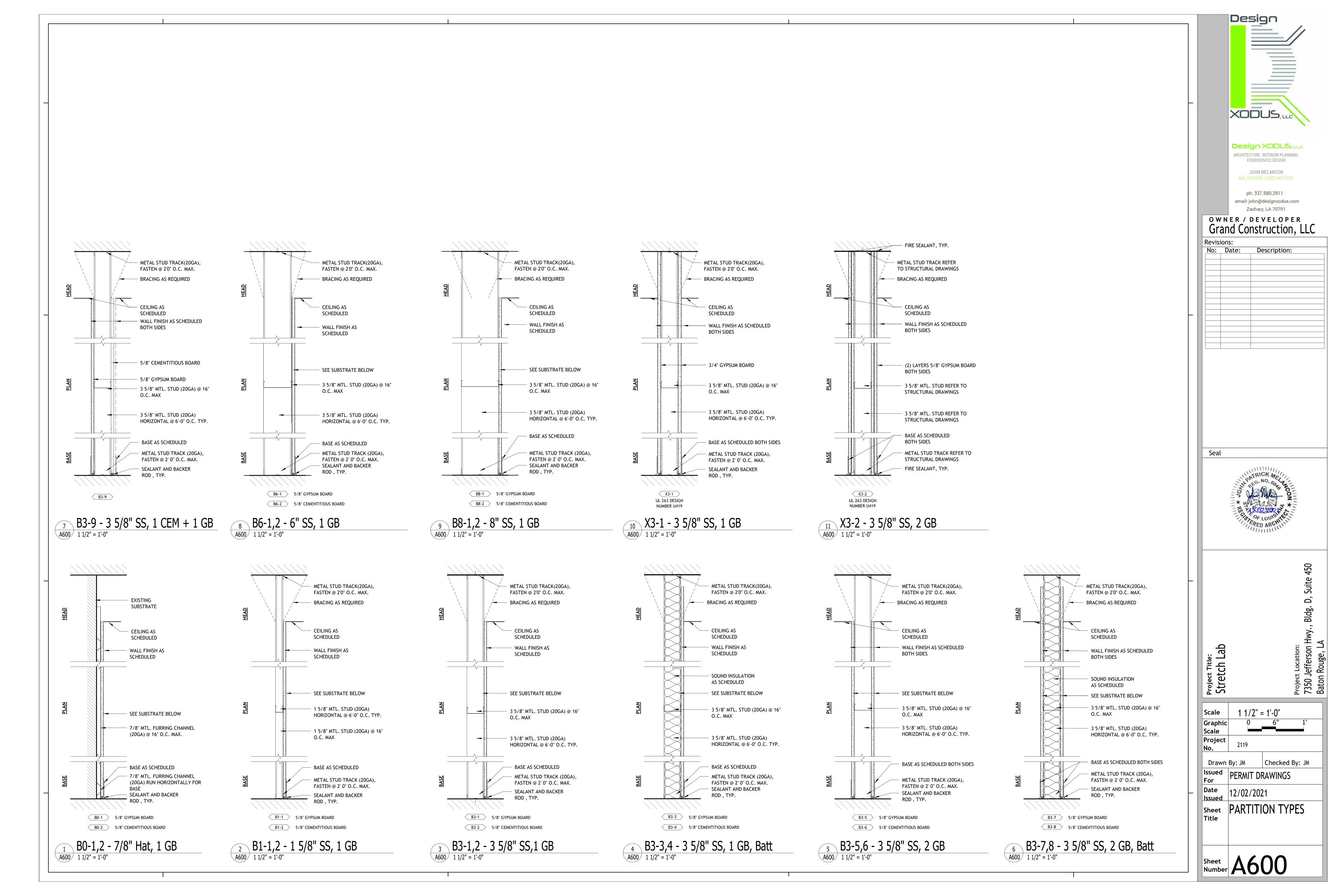


As indicated Graphic **Varies** Project

Checked By: JM Drawn By: JM PERMIT DRAWINGS

12/02/2021

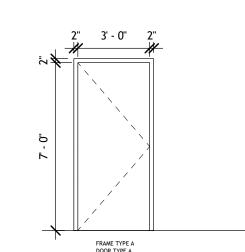
FIRST FLOOR REFLECTED CEILING



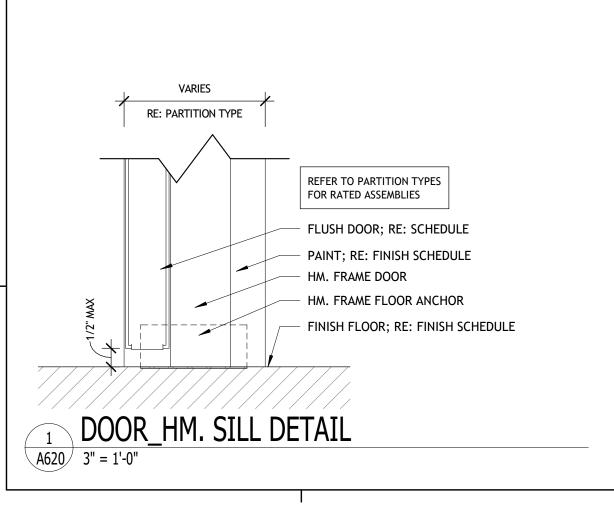
TEM	VENDOR	HOW TO ORDER	CONTACT	EMAIL	PHONE
	Fast Signs	Order from Vendor	Natasha Nickson	stretchlab@fastsigns.com	214.346.5675
Signage	Priority Signs	Order from Vendor	Tasha Benzschawel	tasha@priorityinc.com	920.694.1011
	Stratus Unlimited	Order from Vendor	Lauren Veri	xponentialfitness@stratusunlimited.com	440.223.5290
Flowater Machine	Flowater	Order from Vendor	Whitney Davis	servicexp@myflowater.com	720.577.4604
Flooring	Sport Pro Surfacing	Order from Vendor	Kenny Flake	kenny@spsurfacing.com	713.805.8296
Studio Lighting	CED National Accounts	Order from Vendor	Robin Goetz	xponential@cednationalaccounts.com	562.926.7202
PREFERRED VENDO	ORS (FOR FRANCHISE PA	RTNER TO CONTRACT W	(HTI		1.
Item	Vendor	How to order	Contact	Email	Phone
Bathroom Accessories & Cleaning Supplies	Cintas	Order from Vendor	Amanda Gust	gusta@cintas.com	630.709.3330
Cleaning	CS Hudson	Order from Vendor	Danielle Deluca	DDeluca@CSHudson.com	631.406.4517

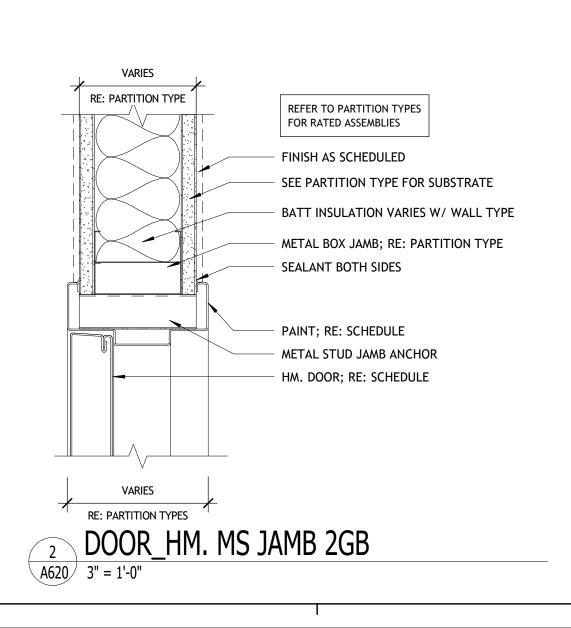
	FINISH SCHEDULE					
			Material Style Line	Material Color Line	and	
NO.	DESCRIPTION	MANFACTURERS	and Number	Number	Material Size	COMMENTS
ACT-01	ACOUSTICAL CEILING	ARMSTRONG	HEALTH ZONE ULTIMA	#1895 WHITE	24" X 24" X 3/4"	9/16" TEGULAR GRID, WHITE
BASE-01	RUBBER BASE	ROPPE	700 SERIES	LUNAR DUST 114	4"	
LVT-01	LVT	STRETCH LAB VENDOR	SPS LVT OAK	PLANK	6"X24"	SPS LVT ADHESIVE
PTD-01	PAINT	SHERWIN WILLIAMS	IN THE NAVY	SW9178		EGG SHELL FINISH
PTD-02	PAINT	SHERWIN WILLIAMS	EXTRA WHITE	SW7006		EGG SHELL FINISH
TILE-01	CERAMIC TILE	STRETCH LAB VENDOR	SPS SLFT	GREY	12"X24"	RUNNING BOND, GROUT LATICRETE PERMACOLOR SELECT 44 BRIGHT WHITE NON SANDED, SCHLUTER TRANSITION RENO U AEU125
TILE-02	CERAMIC TILE	STRETCH LAB VENDOR	SPS SLWT	WHITE	3"X6"	RUNNING BOND, LATICRETE GROUT PERMACOLOR SELECT 34 SANDSTONE SANDED, ALL VERTICAL CORNERS AND HORIZONTAL EDGING SCHLUTER SCHEIN PROFILE
WP-01	BRICK VENEER PAINTED	BY GC	BRICK VENEER	PAINT PTD-02	BRICK SIZE	PAINT PRICK VENEER

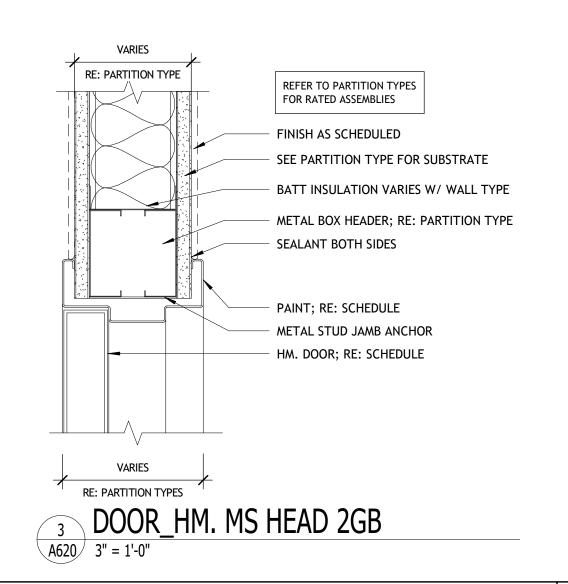
							DOOR S	SCHEDULE				
				DOOR				FRAME				
							FRAME					
NO.	WIDTH	HEIGHT	THICK.	MATERIAL	FINISH	TYPE	TYPE	MATERIAL	FINISH	HDW.	RATING	COMMENTS
103	3' - 0"	7' - 0"	0' - 1 3/4"	WD.	PTD-02	A	A	HM.	PTD-02	PRIVACY		
104	3' - 0"	7' - 0"	0' - 1 3/4"	WD.	PTD-02	A	A	HM.	PTD-02	COORDIANTE W/ OWNER		



DOOR LEGEND









Design XODUS, LLC

ARCHITECTURE. INTERIOR PLANNING. FOODSERVICE DESIGN

JOHN MELANCON

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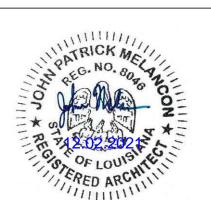
Zachary, LA 70791

Grand Construction, LLC

No:	Date:	Description:

Seal

Project Title: Stretch Lab



Project Location: 7350 Jefferson Hwy., Bldg. D, Suite 49 Baton Rouge, LA

Scale	As indicated	
Graphic Scale	Varies	
Project No.	2119	
Drawn	By: JM	Checked By: JM
Issued For	PERMIT DRAWINGS	
Date Issued	12/02/2021	
Sheet Title	DOOR, FINISH &	
	VENDOR SCHEDULES	

Sheet A620