



05 August 2016

Project No.: C15-0016C

---

**BREC – Church Street Recreation Center Revisions**

3210 Church Street; Zachary, LA 70791

BREC Project No. – SB -1672

**ADDENDUM NO. 03**

6 pages excluding attachments

This Addendum forms part of the Contract Documents and modifies the Bid Documents. Prospective bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so will subject Bidder to disqualification.

I. GENERAL

1. Information, clarifications, and additional requirements are included and made part of this project.
2. Contractor is reminded to be familiar with and conform to all requirements in the specifications and instructions to Bidders.
3. The Owner has determined there are asbestos containing materials and lead containing paint. Abatement work is included in this scope of work. The work related to abatement was included in Addendum No. 02, issued 25 July 2016.
4. Architect's estimate of probable construction cost is \$798,000.
5. The Owner's Land Survey is attached.

II. PREVIOUS ADDENDA

1. **Addendum No. 02**, issued 25 July 2016 was issued and distributed via the Owner's electronic plan distribution system.

III. PRE-BID MEETING & MINUTES

1. A pre-bid meeting was held at the project site at 9.00am, 27 July 2016. The following prospective prime bidders listed below attended this non-mandatory Pre-Bid Conference. Copy of sign-in sheet is attached.
  - Block Construction
  - Blount General Contractors
  - Charles Carter Construction
  - Deumite Construction
  - Five J's Construction

ADDENDUM

- MBD Maintenance
  - NRK Construction
  - Russell Coleman Contractor
  - Sienna Construction
2. Minutes of the Pre-Bid Meeting: Information, clarifications, and additional requirements are included and made part of this project:
  3. Bidders were reminded to carefully and thoroughly review bidding requirements and conform to the requirements fully to ensure that their bid will be valid.
    - a. BREC’s Project Manager indicated that the new Bid Date is 16 August 2016.
    - b. Architect would not be distributing bid documents and addenda. Bidders were reminded to obtain bid documents either from BREC’s bidding website, or make request directly to BREC. Bidders were also reminded that it was their responsibility to check and get all addenda.
  4. A verbal overview of the Scope of Work was given.
    - a. This project involved building addition to 2 sides of the building, adding HVAC to the main gym, electrical service upgrade, related site work including paved sidewalks to new access doors.
    - b. This site is located in the City of Zachary. Obtain and purchase permits accordingly.
    - c. The building and immediate surroundings would be vacated and turned over to the Contractor for the work.
    - d. Architect would publish entire set of drawing by addendum to reflect recent revisions. These drawings would have normal clouded/bubbled notations indicating items that are revised.
  5. A tour of the project site and areas of work was conducted.
    - a. While the building and immediate area surrounding the building would be turned over to the Contractor for the work, other parts of this site, including playground, basketball courts, parking and other areas would continue to be used by the community. Provide fencing to separate and protect areas of work, from traffic and people using these other areas of the site.

**IV. BIDDING REQUIREMENTS**

1. Bid Form: Delete previously issued Bid Form. Use revised Bid Form attached to this addendum

ADDENDUM

V. SPECIFICATIONS

1. Section 01 23 00 Alternates
  - a. Paragraph 3.1 - A: Revise to Alternate 1: Add Storage Room to the Multi-Purpose addition.
2. Section 08 71 00 Door Hardware
  - a. Delete previously issued specification section. Insert revised specifications section attached to this addendum.
3. Section 09 90 00 Painting
  - a. Article 3.6 Paint Schedule
  - b. Paragraph B: Revise paragraph title to Exterior Concrete Masonry.
  - c. Add Paragraph F: Interior Concrete Masonry
    - Block Filler
    - 1 coat primer
    - 2 coats semi-gloss water-based epoxy
4. Section 32 31 13 Fence and Gates
  - a. Delete previously issued specification section. Insert revised specifications section attached to this addendum.

VI. CLARIFICATIONS

1. Provide in the Multipurpose Room 104, contractor furnished, contractor installed, Scotsman Ice Machine, Prodigy, CU 3030 – 300# self-contained ice machine. Cut sheet attached.

VII. PRIOR APPROVALS

1. Subject to compliance with project requirements, compatibility with related construction, accommodation to space/area provided, and clearances for service access; the following items are approved for use in this project.
  - a. 09 67 23, Florock, Floropoxy 4805 topcoat, FloroPoxy 4700 Primer, Florothane MC Ultra 100 gloss urethane, FloroQuartz BC.

VIII. DRAWINGS

1. Architectural
  - a. Sheet I1.01, dated 05 August 2016, is attached. Delete previously issued sheet.

ADDENDUM

- b. Sheet LS.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- c. Sheet LS.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- d. Sheet LS.03, dated 05 August 2016, is attached. Delete previously issued sheet.
- e. Sheet D1.00, dated 05 August 2016 is attached.
- f. Sheet D1.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- g. Sheet A1.00, dated 05 August 2016, is attached. Delete previously issued sheet.
- h. Sheet A1.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- i. Sheet A1.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- j. Sheet A1.03, dated 05 August 2016, is attached. Delete previously issued sheet.
- k. Sheet A2.00, dated 05 August 2016, is attached. Delete previously issued sheet.
- l. Sheet A2.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- m. Sheet A2.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- n. Sheet A2.05, dated 05 August 2016, is attached. Delete previously issued sheet.
- o. Sheet A3.00, dated 05 August 2016, is attached. Delete previously issued sheet.
- p. Sheet A3.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- q. Sheet A3.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- r. Sheet A4.01, dated 05 August 2016, is attached. Delete previously issued sheet.

ADDENDUM

- s. Sheet A4.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- t. Sheet A5.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- u. Sheet A5.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- v. Sheet A6.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- w. Sheet A8.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- x. Sheet A8.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- y. Sheet A8.03, dated 05 August 2016, is attached. Delete previously issued sheet.
- z. Sheet A8.04, dated 05 August 2016, is attached. Delete previously issued sheet.
- aa. Sheet A10.01, dated 05 August 2016, is attached. Delete previously issued sheet.
- bb. Sheet A10.02, dated 05 August 2016, is attached. Delete previously issued sheet.
- cc. Sheet A10.03, dated 05 August 2016, is attached. Delete previously issued sheet.

– End of Addendum –

Attachments

Pre-bid sign-in sheet  
Bid Form  
Section 087100  
Section 323113  
Ice Machine Cut Sheet  
Owner’s Land Survey  
I1.01  
LS.01  
LS.02  
LS.03  
D1.00  
D1.01  
A1.00

ADDENDUM

A1.01  
A1.02  
A1.03  
A2.00  
A2.01  
A2.02  
A2.05  
A3.00  
A3.01  
A3.02  
A4.01  
A4.02  
A5.01  
A5.02  
A6.01  
A8.01  
A8.02  
A8.03  
A8.04  
A10.01  
A10.02  
A10.03  
ME1.0  
M0.0  
M1.0  
M2.0  
M3.0  
M4.0  
E0.0  
E1.0  
E2.0  
E3.0  
E3.1

ADDENDUM



8316 Kelwood Avenue  
 Baton Rouge, LA 70806  
 225-216-3770 / 225-216-3771 FAX

**DOMAIN**  
 ARCHITECTURE

Wednesday, July 27, 2016

**SB 1672 – Church Street Recreation Center Renovations**  
 3210 Church Street, Zachary, LA 70791  
 Domain Project No. C15-0016

**Pre-Bid Meeting - Sign-in Sheet**

Name	Representing	Phone & FAX	E-mail address
Sit Wong, AIA	Domain Architecture	225-216-3770 / 216-3771	swong@domain-dsgn.com
Reuben Soularie	Domain Architecture	225-216-3770 / 216-3771	rsoularie@domain-dsgn.com
RENNIE CARTER	CHARLES CARTER CONST.	225 769-2978 727-73205 225 791-5346 (225)665-0602	rcarter@charlescarter.net
SCOTT DEMMITE	Demmitte Const.		rgoudeau@demmitte.com
RUSTY CHOPIN	RCCI		RCHOPIN@RCOLEMANCONTR.COM
ANDREW AYERS	I		I
Philip Robinson	Blount General Contractors	225-664-3520 225-664-6872	Philip.blount@generalcontractors.com
BRUCE NGUYEN	TEAM POTEETE MECHANICAL	(225)354-9897	bruce.vannguyen@gmail.com
Eric Patten	Black companies	(225) 982-5063 6342	epatten@blackcompanies.com
Jeff Perryman	MBD Maintenance	(225) 928-5567 927-2212	jeff@mbdperforms.com



DOMAIN  
ARCHITECTURE

8316 Kelwood Avenue  
Baton Rouge, LA 70806  
225-216-3770 / 225-216-3771 FAX

Wednesday, July 27, 2016

SB 1672 – Church Street Recreation Center Renovations  
3210 Church Street, Zachary, LA 70791  
Domain Project No. C15-0016

Pre-Bid Meeting - Sign-in Sheet

Name	Representing	Phone & FAX	E-mail address
Wesley SanLouis	Live J's Construction, LLC	337-365-9066	
Alex Spard	Sienna Construction	225-456-5466	mspano@siennacconstruction.net
NORISHA KIRTS	NRK CONSTRUCTION	(38) 413-0980	NORISHA@NRKCONSTRUCTION.COM
HARRY RAYNER	RAYNER CONSULTING	(225) 916-2824	harryrayner34@yahoo.com
Jon Dayton	ARC Abatement LTD	225-202-3599	Jondayton@arcabatement.com
David Royner	RCG Royner Consulting Group	(225) 3281654	davidroyner10@yahoo.com
Angela Harms	BREC	273-6405	aharms@brec.org

**LOUISIANA UNIFORM PUBLIC WORK BID FORM**

<b>TO:</b> <u>Recreation and Park Commission for</u> <u>the Parish of East Baton Rouge (BREC)</u> <u>Finance Department</u> <u>6201 Florida Boulevard</u> <u>Baton Rouge, Louisiana 70806</u>	<b>BID FOR:</b> <u>Church St. Recreation Center</u> <u>Renovations</u> <u>3210 Church Street</u> <u>Zachary, Louisiana 70791</u>
---	---

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by:

Domain Architecture – A Professional Architectural Corporation and dated: 6/13/2016

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) \_\_\_\_\_ .

**TOTAL BASE BID:** For all work required by the Bidding Documents (including any and all unit prices designated “Base Bid” \* but not alternates) the sum of:

\_\_\_\_\_ Dollars \$ \_\_\_\_\_

**ALTERNATES:** For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

**Alternate No. 1** Add Storage addition to the Multi-Purpose addition, for the lump sum of:

ADD \_\_\_\_\_ Dollars \$ \_\_\_\_\_

**Alternate No. 2** \_\_\_\_\_ for the lump sum of:

-n/a- \_\_\_\_\_ Dollars \$ -n/a-

**Alternate No. 3** \_\_\_\_\_ for the lump sum of:

-n/a- \_\_\_\_\_ Dollars \$ -n/a-

**NAME OF BIDDER:** \_\_\_\_\_

**ADDRESS OF BIDDER:** \_\_\_\_\_

**LOUISIANA CONTRACTOR’S LICENSE NUMBER:** \_\_\_\_\_

**NAME OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**TITLE OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER \*:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

\* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

\*\* If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(B)5.

**BID SECURITY** in the form of a bid bond, certified check or cashier’s check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

## SECTION 08 71 00 - DOOR HARDWARE

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes commercial door hardware for swinging doors.
- B. Related Sections:
  - 1. Hardware for cabinets and casework is specified in Division 6.
  - 2. Division 8 Section, Steel Doors and Frames.
  - 3. Division 8 Section, Flush Wood Doors.

#### 1.2 SUBMITTALS

- A. Product Data: Submit manufacturers' catalog cut sheets and technical information for each item of hardware. Include information showing compliance with requirements.
- B. Hardware Schedule: Organize hardware schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Include each item, quantities, manufacturers' catalog numbers, sizes and hardware identifications corresponding to ANSI type or function number to manufacturer's catalog number. Hardware schedule sets and door numbers of submittal shall correspond with respective numbers assigned for this project. Include with submittal a list of abbreviations and template numbers used.
  - 1. Keying: Include keying schedule after keying conference described below.
- C. Warranty: Special warranty specified in this Section.
- D. Closeout:
  - 1. Maintenance Data: For each type of door hardware to include in maintenance manuals.
  - 2. Include final key bitting schedule.

#### 1.3 QUALITY ASSURANCE

- A. Hardware Supplier and Installer Qualifications: An employer of workers trained and approved by lock manufacturer.
  - 1. A recognized architectural hardware supplier who has been furnishing hardware in the project's vicinity for a period of not less than 5 years, and who is, or employs an experienced hardware consultant (AHC) who is available, at reasonable times during the course of the work, for consultation about project's hardware requirements, to Owner, Architect and Contractor.
  - 2. Installer shall have warehousing facilities in Project's vicinity.
  - 3. Scheduling Responsibility: Prepare door hardware and keying schedules.
  - 4. Architectural Hardware Consultant Qualifications: A person who is currently certified by DHI as an Architectural Hardware Consultant and who is experienced

in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project.

- B. ADA and Code Compliance: Provide hardware items in compliance with ADA and pertinent applicable codes.
- C. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.
- D. Keying Conference: Conduct conference at Project site. In addition to Owner, Contractor, and Architect, conference participants shall also include Installer's Architectural Hardware Consultant. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including, but not limited to, the following:
  - 1. Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
  - 2. Preliminary key system schematic diagram.
  - 3. Requirements for key control system.
  - 4. Address for delivery of keys.
- E. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification related to the final door hardware sets, and include basic installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to Owner.

#### 1.5 COORDINATION

- A. Templates: Distribute door hardware templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

#### 1.6 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Structural failures including excessive deflection, cracking, or breakage.

- b. Faulty operation of operators and door hardware.
  - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
2. Warranty Period:
- a. Exit Devices: 2 years from date of Substantial Completion.
  - b. Manual Closers: 5 years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED DOOR HARDWARE

- A. Hardware Sets are indicated in "Hardware Schedule" at the end of this Section.
- B. Material requirements for design, grade, function, finish, size, and other distinctive qualities of each type of finish hardware are indicated below.

### 2.2 GENERAL ACCESSIBILITY REQUIREMENT

- A. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
  - 1. Comply with the following maximum opening-force requirements: Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.

### 2.3 HINGES

- A. Hinges: ANSI A156.1.
  - 1. Exterior Doors: Non-removable pins.
  - 2. Interior Doors: Non-rising pins.
  - 3. Tips: Flat button and matching plug, finished to match leaves.
  - 4. Doors with Closers: Ball bearing type.
  - 5. Full mortise, heavy duty, 5-knuckle type.
- B. Size and Gage:
  - 1. 0.134 gage metal minimum.
  - 2. 4-1/2" x 4-1/2" (114 x 114 mm).
- C. Template Requirements: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template-produced units.
- D. Fasteners - Screws: Phillips flat-head; machine screws (drilled and tapped holes) for metal doors, wood screws for wood doors. Finish screw heads to match surface of hinges.
- E. Manufacturers: Subject to compliance with project requirements, provide products manufactured by the following, or approved equal:
  - 1. T2714 or TB 2314 (Stainless steel) by McKinney.

2. FBB 179 or FBB191 (Stainless steel) by Stanley.
3. BB 1279 or BB1191 (Stainless steel) by Hager.
4. BB 21 or BB51 (Stainless steel) by PBB

## 2.4 CONTINUOUS HINGES

- A. Continuous, Gear-Type Hinges: Extruded-aluminum, pinless, geared hinge leaves; joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings.
1. Heavy duty.
  2. Clear anodized aluminum finish.
  3. Products & Manufacturers:
    - a. Basis of Design: 780-224HD by Hager.
    - b. Other Approved Manufacturers: Subject to compliance with project requirements, provide products by the following -
      - 1) Bommer Industries, Inc.).
      - 2) McKinney Products Company.
      - 3) Pemko Manufacturing Co.
      - 4) Select Products Limited.
      - 5) Zero International.

## 2.5 LOCKSETS

- A. Locksets: Heavy-duty mortise lockset with escutcheon plate trim. ANSI A156.13, Series 1000, Grade 1. Stamped steel case with steel or brass parts
1. Mortise Locks: Minimum 3/4-inch (19-mm) latchbolt throw.
  2. Deadbolts: Minimum 1-inch (25-mm) bolt throw.
  3. Lockset Manufacturers and Products:
    - a. 8800 series by Yale.
    - b. L1000 series by Schlage
    - c. 8200 by Sargent
    - d. ML2200 by Corbin-Russwin,
    - e. 35H by Best.
- B. Strikes: Manufacturer's standard wrought box strike for each latch or lock bolt, with curved lip extended to protect frame, finished to match hardware set.
1. Strikes for Mortise Locks and Latches: BHMA A156.13.
- C. Lock Trim: ANSI A156.2. Finish to match lockset.
1. Levers: Cast metal. Fabricate lever handles from solid bar stock; un-reinforced hollow lever handles are not acceptable.
  2. Design: "U" design lever handles with elongated escutcheon trim plate. One of the following manufacturers and products, or approved equal:
    - a. Carmel CRR by Yale.
    - b. L15 by Schlage.
    - c. 1445H by Sargent.
    - d. Lustra by Corbin-Russwin.
    - e. Calhoun 3G by Best.

3. Fronts for mortise locks and latches: Standard bevel, armored fronts on mortise locks.

## 2.6 RIM PANIC DEVICES

- A. Rim Panic Exit Devices: BHMA A156.3, Grade 1. Surface mount. Type 1, Figure 3 narrow stile push pad, Function 05.
  1. Outside Trim: Lever design to match lockset lever described above.
  2. Rectangular escutcheon plate.
  3. Exterior egress doors with cylinder dogging and keyed removable mullions.
  4. Comply with key cores and keying as described in this section. Units capable of receiving Owner's proprietary interchangeable key cores.
- B. Products:
  1. Exit Devices: Yale 7150, Corbin ED5200S and VonDuprin XP98 series, or approved equal.
  2. Trim: CR626F for Yale, L955 for Corbin, 996L for Von Duprin , or approved equal.

## 2.7 KEYING AND KEYCORES

- A. Keying: Schedule a keying conference as described above to discuss keying. Allow a minimum of 1 week advance notice for this conference. Based on Owner's guidelines, submit a keying system to the Architect for approval. Unless otherwise indicated or requested, the following apply:
  1. Key all doors differently.
  2. Key doors to the same room alike.
  3. Key exterior doors alike.
  4. Master key for each area or portion of building designated by Owner.
- B. Keys: Nickel silver.
  1. Tag and identify keys.
  2. Turn over to the Owner as directed.
  3. Number of Keys:
    - a. Construction Keys: 10
    - b. Cylinder Change Keys: 3.
    - c. Master Keys: 6.
    - d. Grand Master Keys: 6.
- C. Key Cores: Key to Owner's proprietary campus 7-pin keying system. Visit site to verify existing pin count and keying system.
  1. Interchangeable Cores: Provide interchangeable key core inserts, removable by use of a special key; usable with other manufacturers' cylinders.
  2. Temporary Construction Key Cores: Provide temporary construction key cores for construction purposes to secure doors with access into facility.
  3. Permanent Key Cores:
    - a. Factory key by authorized direct distributor of keying manufacturer.
    - b. Order final cores at the time submittals are made.

- c. Install final permanent cores immediately after Owner's acceptance. At completion of the project, the contractor must activate the cylinders to operate by the owners permanent keys.
- d. Provide 7-pin and keyed bitting list upon completion.
- e. Permanent keys and a copy of the final keying schedule must be delivered direct to the owner by the finish hardware supplier.

## 2.8 CLOSERS

- A. Grade 1, PT1, C02000 series, surface mounted modern type conforming to ANSI A156.4.
  1. Regular arms for overhead closers, except as otherwise indicated.
  2. Coordinate closer arms and closer locations with door swing and walls to avoid damage to adjacent construction.
  3. Locate closers at interior side of doors unless indicated otherwise.
  4. Exterior egress doors typically shall have heavy duty parallel stop arms. Standard arms not permitted.
- B. Products: Series 4000 by LCN, 7800 series by Dorma, 7700 series by Norton, EN351 series by Sargent, 400 series by Yale, or approved equal.

## 2.9 KICKPLATES

- A. ANSI A156.6. Stainless steel, 18 gage (1.27 mm) thick material unless indicated otherwise, protection plates. Kickplates of not more than 1-1/2 inches (38 mm) on stop side smaller than the door width x the height indicated.
- B. Kickplates: J102, 10 inches high.

## 2.10 TOP AND BOTTOM BOLTS

- A. Surface-mounted Bolts: Manual, surface mount, decorative design, top and bottom bolts, with manufacturer's standard dust-proof strike. 18" arm top; 8" arm bottom.
  1. 1700 series by Glynn-Johnson, 358 by Ives, or approved equal.

## 2.11 STOPS AND HOLDERS

- A. Door Stops: ANSI A156.16. Metal base with rubber stops. Provide floor stops unless indicated otherwise in the Hardware Schedule.
  1. Floor mounted, dome type with rubber bumper, L02141 for doors without thresholds, L02181 for doors with thresholds.
    - a. Doors with Thresholds: 438 by Ives; W1212 by Trimco; or approved equal.
    - b. Doors without Thresholds: 436 by Ives; W1210 by Trimco; or approved equal.
  2. Wall mounted type, L02111, round metal retainer with convex resilient bumper. No fasteners visible on installed assembly. Manufacturer's recommended fasteners for substrates provided.
    - a. 407 by Ives; 1276CCS by Trimco; or approved equal.

## 2.12 HOLD OPEN DEVICE

- A. Lift-up arm type. Mount on door leaf. 4-inch arm length. Model 452 by Ives, or approved equal.

## 2.13 MISCELLANEOUS DEVICES

- A. Mutes/Silencers: ANSI A156.16. L03011. Rubber type, 3 for single door openings and 4 for double door openings. Color - grey.
  - 1. Products: GJ64 by Glynn Johnson, 1229A by Trimco, 608 by Rockwood, or approved equal.
- B. Astragals: Overlapping type, continuous metal with continuous elastomeric strip material such as silicone or neoprene. 158SA by National Guard Products; 355CS by Pemko, or approved equal.
- C. Lock Protectors: Prime coated steel for field painting. LP3 by Glynn Johnson, or approved equal.
  - 1. LP3 by Glynn Johnson, or approved equal.
- D. Removable Mullions: Rolled steel construction designed to receive doors and rim panic devices indicated. Key removal operation.
- E. Door Bottom Sweep: Adjustable type. Continuous aluminum retainer with vinyl or neoprene sweep. UL label. Model 602A by Reese, 199NA by National, 321CN by Pemko, or approved equal.

## 2.14 WEATHERSTRIPPING AND SEALS

- A. Description: Continuous bulb seal made of vinyl, neoprene, polypropylene or silicone with aluminum retainer fastened to door frame at head and jamb sides. UL rated. Non-corrosive fasteners for exterior applications and elsewhere as indicated.
- B. Replaceable Seal Strips: Provide units where resilient or flexible seal strip is easily replaceable and readily available from stocks maintained by manufacturer.
- C. Products: Model 807 by Reese, 160 by National, 303 by Pemko, or approved equal.

## 2.15 THRESHOLDS

- A. Threshold: ANSI A156.21, extruded aluminum, corrugated top. Continuous bumper seal insert in integral raised receiver. Include vinyl or neoprene resilient gasket strip.
  - 1. Basis of Selection: 2005T by Pemko; or equivalent products by National, Reese, Zero, or approved equal.
- B. Saddle-Thresholds: ANSI A156.21, extruded aluminum with corrugated top, profile designed for handicap accessibility.
  - 1. 1/4-inch high x 5-inch width.
  - 2. S400A series by Reese, 27X series by Pemko, or approved equal.

## 2.16 FABRICATION

- A. Base Metals: Produce door hardware units of base metal, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- B. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.

## 2.17 FINISHES

- A. Standard: BHMA A156.18, as indicated in door hardware sets.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- D. Designations used to indicate hardware finishes are listed in ANSI A156.18. Unless noted otherwise, provide the following finishes for items noted:
  - 1. Closers: 628, satin aluminum.
  - 2. Hinges and Locksets:
    - a. Interior Doors: 626, satin chrome.
    - b. Exterior Doors: 630, satin stainless steel.
  - 3. Door Stop: 630, satin stainless steel.
  - 4. Kickplate: 630, satin stainless steel.
  - 5. Push/Pulls: 630, satin stainless steel.
  - 6. Astragals: 626, satin chrome.
  - 7. Others: 626, 630 or 628 for base metal of hardware furnished.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine doors and frames for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Make corrections to unsatisfactory conditions.

### 3.2 PREPARATION

- A. Steel Doors and Frames: Comply with DHI A115 Series.
  - 1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.
- B. Wood Doors: Comply with DHI A115-W Series.

### 3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights as required to comply with governing regulations.
  - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
  - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
  - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
  - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
  - 3. Paint items, such as removable mullions and door guard plates, same color as door frame.
- C. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
  - 1. Install with fasteners provided with hardware units, or provide fastener type recommended by manufacturer. Do not use unauthorized fasteners, such as TEK fasteners for closers.
- D. Closers: Provide through-bolts to fasten portion of closer at door leaf. Include reinforcing plate.
- E. Doorstops: Locate floor type doorstops close to wall to avoid traffic. Coordinate mounting location of wall bumpers with door lockset trim.
- F. Set thresholds for exterior doors in full bed of butyl-rubber or polyisobutylene mastic sealant complying with requirements specified in Division 7 Section "Joint Sealers."
- G. Weatherstripping and Seals: Comply with manufacturer's instructions and recommendations to the extent installation requirements are not otherwise indicated.

### 3.4 ADJUSTING

- A. Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
  - 1. Door Closers: Unless otherwise required by authorities having jurisdiction, adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.

### 3.5 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation. Clean operating items as necessary to restore proper function and finish.
- B. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

### 3.6 HARDWARE SCHEDULE

- A. General: Develop, submit and provide hardware sets for each type of door use indicated in the door schedule in the drawings for door categories listed below.
  - 1. Where hardware sets are not designated, provide hardware set similar to door serving similar function in the building.
  - 2. Include hardware items where not indicated in hardware sets, but are obviously required for door assembly to work properly as intended.
  - 3. Provide UL labeled seal strips and adjustable door sweeps to all interior doors located at corridors and smoke partitions.
  - 4. Provide hardware of appropriate base metal and rating, and provide UL-rated closers to doors located at fire-rated partitions.
- B. Hardware Components for UL Rated Label Door Assemblies: Comply with base metal, labeling, and UL requirements. Include the following for each labeled door assembly.
  - 1. Single doors
    - 1 each..... closer
- C. Hardware Set No. E-1:
  - 1. Pair exterior hollow metal doors.
  - 2. Entrance/egress doors.
    - 2 each..... continuous hinges
    - 2 each..... rim panic devices
    - 1 each..... removable mullion
    - 2 each..... closers
    - 2 each..... kickplates
    - 2 each..... hold open devices
    - 1 each..... threshold
    - 1 set..... weatherstripping
    - 2 each..... door stops (wallstops for doors opening to wall)

- D. Hardware Set No. E-2:
1. Multi-Purpose Room to exterior; egress doors
  2. Single exterior hollow metal doors.
    - 1 each..... continuous hinge
    - 1 each..... closer
    - 1 each..... rim panic device
    - 1 each..... lock protector
    - 1 each..... kickplate
    - 1 each..... hold open device
    - 1 each..... rain drip
    - 1 set ..... weatherstripping
    - 1 each..... threshold
    - 1 each..... bottom sweep
- E. Hardware Set No. E-3:
1. Chain Link Gates
    - 1 each ..... IC keycore for padlocks
- F. Hardware Set No. I-1:
1. Vestibule-foyer to Gym
  2. Pair existing interior hollow metal doors in new metal frame.
    - 2 each..... continuous hinges (filler plates at old hinge locations, bondo patch flush)
    - 2 each..... rim panic devices; reuse existing
    - 1 each..... removable mullion; new
    - 2 each..... closers; reuse existing
    - 2 each..... kickplates
    - 2 each..... hold open devices
    - 2 each..... doorstop (wallstops for doors opening to wall)
    - 2 each..... mutes/silencers
    - 1 each..... saddle threshold
- G. Hardware Set No. I-2:
1. Vestibule-foyer to Existing Multi-Purpose
  2. Single interior door
    - 1-1/2 pairs ..... hinges
    - 1 each..... closer
    - 1 each..... lockset, F04
    - 1 each..... kickplate
    - 1 each..... hold open device
    - 1 each..... doorstop (wallstops for doors opening to wall)
    - 3 each..... mutes/silencers
    - 1 each..... saddle threshold
- H. Hardware Set No. I-3:
1. New Multipurpose to Gym
  2. Pair interior doors
  3. B-Label

- 3 pairs ..... hinges
- 2 each..... closer
- 2 each..... rim panic devices
- 1 each..... removable mullion
- 2 each..... kickplates
- 1 each..... doorstop (wallstops for doors opening to wall)
- 2 each..... mutes/silencers
- 1 each..... saddle threshold

I. Hardware Set No. I-4:

- 1. New Multipurpose to Gym
- 2. Single interior door
- 3. B-Label
  - 1-1/2 pairs ..... hinges
  - 1 each..... closer
  - 1 each..... lockset, F04
  - 1 each..... kickplate
  - 1 each..... doorstop (wallstops for doors opening to wall)
  - 3 each..... mutes/silencers
  - 1 each..... saddle threshold

J. Hardware Set No. I-5:

- 1. Toilet rooms; multi-occupant
- 2. Single interior doors.
- 3. B-Label
  - 1-1/2 pairs ..... hinges
  - 1 each..... closer
  - 1 each..... lockset, F04 (for labeled doors, instead of push-pull)
  - 1 each..... kickplate
  - 1 each..... doorstop (wallstops for doors opening to wall)
  - 3 each..... mutes/silencers
  - 1 each..... saddle threshold

K. Hardware Set No. I-6:

- 1. Janitor
- 2. Single interior door.
- 3. B-Label Door
  - 1-1/2 pairs ..... hinges
  - 1 each ..... closer
  - 1 each..... lockset, F07 Storeroom
  - 1 each..... doorstop (wallstops for doors opening to wall)
  - 3 each..... mutes/silencers
  - 1 each..... saddle threshold

L. Hardware Set No. I-7

- 1. Office
- 2. Single interior door.
- 3. B-Label

- 1-1/2 pairs ..... hinges
- 1 each ..... closer
- 1 each..... lockset, F04 entry
- 1 each..... doorstop (wallstops for doors opening to wall)
- 3 each..... mutes/silencers

M. Hardware Set No. I-8:

- 1. Janitor/Storage Room
- 2. Single interior door.
- 3. B label
  - 1-1/2 pairs ..... hinges
  - 1 each..... closer
  - 1 each..... lockset, F07 storeroom
  - 1 each..... doorstop (wallstops for doors opening to wall)
  - 1 each..... kickplate
  - 3 each..... mutes/silencers
  - 1 each..... saddle threshold

N. Hardware Set No. I-9: Alternate Bid item

- 1. Storage to Multi-Purpose
- 2. Pair interior doors
  - 3 pairs ..... hinges
  - 1 each..... lockset F07
  - 1 set..... surface top and bottom bolts (inactive leaf)
  - 1 each..... astragal
  - 1 each..... doorstop (wallstops for doors opening to wall)
  - 2 each..... mutes/silencers

END OF SECTION 08 71 00

## SECTION 32 31 13 - FENCE AND GATES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Wood fence with steel posts.
  - 2. Swing gates.

#### 1.2 DEFINITIONS

- A. CLFMI: Chain Link Fence Manufacturers Institute.

#### 1.3 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed chain-link fences and gates similar in material, and extent to those indicated and whose work has a record of successful in-service performance.
- B. Source Limitations: Obtain components from one source to provide chain-link fences and gates of consistent quality in appearance and physical properties.

#### 1.4 PROJECT CONDITIONS

- A. Field Measurements: Verify layout information for chain-link fences and gates shown on Drawings in relation to property survey. Verify dimensions by field measurements.
- B. Coordination: Coordinate with site work by others.

### PART 2 - PRODUCTS

#### 2.1 WOOD FENCE BOARDS AND HORIZONTAL FRAMING

- A. Fencing Boards/Slats: Vertical wood boards, no. 1 tight knot Western Red Cedar, rough-sawn finish, nominal 1" x 6" with notched ("dog-ear") corners along top. Fence board in one-piece unit for full height of fence indicated.
- B. Horizontal Framing: Pressure treated AWPB LP-2, nominal 2 x 6 members, no. 2 SYP or specie and grade of equivalent yield strength.
- C. Fasteners - Screws: Screw fasten items with hot-dipped galvanized or stainless steel fasteners of appropriate size. Nails are not acceptable.

#### 2.2 INDUSTRIAL STEEL POSTS

- A. Steel Posts: Standard weight, Schedule 40, galvanized steel pipe complying with ASTM F 1083. Comply with ASTM F 1043, Material Design Group IC, with minimum

### Addendum 3

yield strength of 50,000 psi (344 MPa); Type B or C Coating, and per requirements for Heavy Industrial Fence.

1. General - Round Steel Pipe: 2.375 inches o.d. with 0.55-inch minimum wall thickness, 2-1/2 inches o.d., schedule 40 standard weight steel pipe, 3.65 lbs./ft. unless indicated otherwise.
  - a. Hot dip galvanized inside and out, and all posts to have tops or caps which exclude moisture.
  - b. Evenly space posts a maximum of 10 feet on centers and plumb vertical unless otherwise indicated.
2. Terminal (End, Corner and Pull) Posts: 3-inch standard weight pipe, 5.79 lbs./ft.
3. Post Bracing: Brace terminal (end, corner gate and pull) posts with 1-5/8" o.d. standard weight pipe, 2.27 lbs./ft. installed midway between the top rail and ground level, extending from the terminal post to the first line post. Attach braces with malleable rail ends and 1" x 1/8" brace bands, securely trussed with 3/8" truss rods from the line post back to the terminal post.

## 2.3 SWING GATES

- A. General: Comply with ASTM F 900 for swing-gates.
- B. Metal Pipe and Tubing: Galvanized steel. Comply with ASTM F 1083 and ASTM F 1043 for materials and protective coatings.
- C. Frames and Bracing: Fabricate members from round galvanized steel tubing with outside dimension and weight according to ASTM F 900.
  1. Gate Fabric Height: 6 feet (1.83 m) or less.
- D. Frame Corner Construction: Welded.
- E. Gate Posts: Fabricate members from round galvanized steel pipe with outside dimension and weight according to ASTM F 900. Schedule 40, standard weight pipe with outside diameter appropriate for gate width. Use the following size gates posts for gate sizes (per leaf) as indicated:
  1. 3-inch o.d. pipe 5.79 lbs./ft. for gates up to 8-feet and less
  2. 4 inches o.d. for gates from 8 feet to 13 feet, and
  3. 6-5/8 inches o.d. pipe for gates from 13 to 8 feet.
- F. Hardware: Latches permitting operation from both sides of gate, hinges, center gate stops and, for each gate leaf more than 5 feet (1.5 m) wide, keepers. Fabricate latches with integral eye openings for padlocking; padlock accessible from both sides of gate.
  1. Padlocks: One padlock at each gate. Padlock capable of receiving IC keycore. Provide IC keycore and keying specified in Division 8 section "Hardware."

## 2.4 FITTINGS

- A. General: Provide fittings for a complete fence installation, including special fittings for corners. Comply with ASTM F 626.

Addendum 3

- B. Post and Line Caps: Hot-dip galvanized pressed steel or hot-dip galvanized cast iron. Provide weathertight closure cap for each post.
  - 1. Provide line post caps with loop to receive top rail.

2.5 CONCRETE FOR ANCHORING POSTS

- A. Concrete: Refer to Division 3 Section, Concrete.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions for compliance with requirements for a verified survey of property lines and legal boundaries, site clearing, earthwork, pavement work, and other conditions affecting performance.
- B. Make corrections to unsatisfactory conditions.

3.2 PREPARATION

- A. Stake locations of fence lines, gates, and terminal posts. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

3.3 POST INSTALLATION

- A. General: Install fencing to comply with ASTM F 567 and more stringent requirements specified.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed or compacted soil.
- C. Post Setting: Hand-excavate holes for post foundations in firm, undisturbed or compacted soil. Set posts in concrete footing. Protect portion of posts aboveground from concrete splatter. Place concrete around posts and vibrate or tamp for consolidation. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during placement and finishing operations until concrete is sufficiently cured.
  - 1. Post Excavation - Dimensions and Profile: 9-inch diameter x 30-inches deep, unless otherwise indicated.
  - 2. Exposed Concrete Footings: Extend concrete 2 inches (50 mm) above grade, smooth, and shape to shed water away from post.

3.4 WOOD FENCE INSTALLATION

- A. Cut wood members to length, sizes and special shapes indicated. Avoid splices of horizontal framing members. Lay out horizontal framing members at least 2 spans. Where splices are unavoidable, provide galvanized metal splice connectors. Provide additional treated wood members, securely braced and connected to primary fence

### Addendum 3

supports and framing, to serve as blocking to receive gate hardware and other items. Do not secure hardware and items directly to fence slats.

- B. Install fence boards secured to one side of horizontal framing members. Allow space of 1/4-inch between edges. Locate fence boards facing outside the area enclosed by the fence. Typically provide a minimum of 2 fasteners at each location for securing each connection.
- C. Apply clear protective weather seal to wood fence components.

#### 3.5 GATE INSTALLATION

- A. General: Install gates according to manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach fabric as for fencing.
- B. Attach hardware using tamper-resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.

#### 3.6 ADJUSTING

- A. Gates: Adjust gates to operate smoothly, easily, and quietly, free from binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.
- B. Lubricate hardware and other moving parts.

END OF SECTION 32 31 13

# CU3030 – 300 lb Self-contained Ice Machine

## Prodigy<sup>®</sup> Undercounter Cuber with Storage



CU3030

### Features

Prodigy<sup>®</sup> undercounter cubers use **significantly less energy and water** than other cube ice machines, exceeding Federal energy efficiency regulations.

**Auto-Alert™ control panel** can communicate operating status and signal when it's time to descale, sanitize, and more—making upkeep easier.

The patented **WaterSense adaptive purge control** delivers maximum reliability by reducing scale buildup for a longer time between cleanings.

All external panel components are crafted for **optimal aesthetic appeal** through superior fit and finish.

**Preventative maintenance is simpler** than ever with easily-removed door, top panel and storage bin allowing clear access to all internal components and a diagnostic code display insuring the right fix the first time.

Front removable air filter.

### 24 Hour Volume Production

Air Cooled			Water Cooled		
70°F/21°C 50°F/10°C lb/kg	Air Water	AHRI 90°F/32°C 70°F/21°C lb/kg	70°F/21°C 50°F/10°C lb/kg	Air Water	AHRI 90°F/32°C 70°F/21°C lb/kg
250/114		217/99	310/141		285/130



Front Air Filter

### Cube Ice



**Small Cube**  
3/8" x 7/8" x 3/8"  
(2.22 x 2.22 x .95 cm)

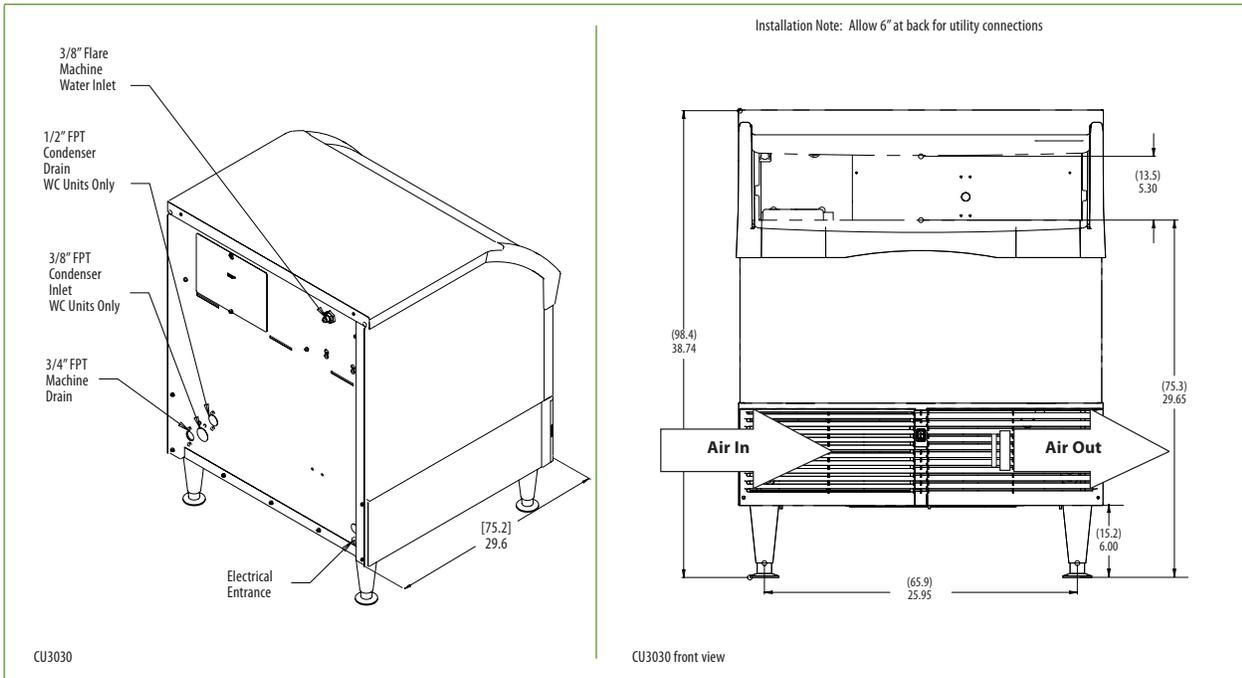
**Medium Cube**  
7/8" x 7/8" x 7/8"  
(2.22 x 2.22 x 2.22 cm)

Common ice form, ideal for mixed drinks.

### Warranty

- 3 years parts and labor on all components.
- 5 years parts and labor on the evaporator.
- 5 years parts on the compressor and condenser.

Warranty valid in North, South & Central America.  
Contact factory for warranty in other regions.



## Specifications

Model Number* Cube Size: medium or small	Condenser Unit	Storage lb/kg	Basic Electrical Volts/Hz/Phase	Max. Fuse Size or HACR Circuit Breaker (amps)	Circuit Wires	Min. Circuit Ampacity	Energy Consumption kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C)	Water Usage Gallons/100 lb (liters/45 kg)	
								Potable 90°F(32°C)/70°F(21°C)	Condenser 90°F(32°C)/70°F(21°C)
CU3030MA-1	Air	110/50	115/60/1	15	2	Cord	8.5	18.0/68.2	-
CU3030MW-1	Water	110/50	115/60/1	15	2	Cord	5.5	18.0/68.2	180/682
CU3030SA-1	Air	110/50	115/60/1	15	2	Cord	8.5	18.0/68.2	-
CU3030SW-1	Water	110/50	115/60/1	15	2	Cord	5.5	18.0/68.2	180/682

\* 208-230/60/1 Voltage - Substitute "-32" in place of "-1", i.e. CU3030MA-32A.   = ENERGY STAR<sup>®</sup>

## All Models

Dimensions (W x D x H):  
Unit: 30" x 30" x 33"  
(76.2 x 76.2 x 83.8 cm)  
Shipping Carton: 32" x 33" x 37"  
(81.3 x 83.8 x 94.0 cm)  
Shipping Weight: 200 lb / 91 kg  
BTUs per hour: 5,200

## Accessories

Model Number	Description
KLP8S	Kit 6 inch legs SS
KPUFM30	Kit Prodigy undercounter floor mount 30 inch for CU3030 (adds .5" to height)

\* Scotsman recommends all ice machines have water filtration. See Scotsman Sanitation Matrix for details.

## Operating Requirements

	Minimum	Maximum
Air Temperatures	50°F (10°C)	100°F (38°C)
Water Temperatures	40°F (4.4°C)	100°F (38°C)
Remote Cond. Temps	-20°F (-29°C)	120°F (49°C)
Water Pressures	20 PSIG (1.4 bar)	80 PSIG (5.5 bar)
Electrical Voltage	-10%	+10%

Specifications and design are subject to change without notice.

Scotsman Ice Systems • 775 Corporate Woods Parkway • Vernon Hills, IL 60061

1-800-SCOTSMAN

Fax: 847-913-9844

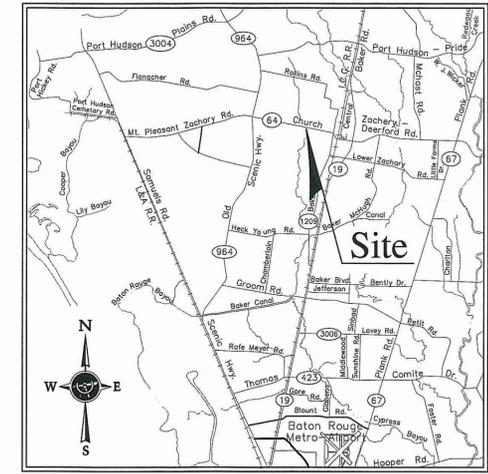
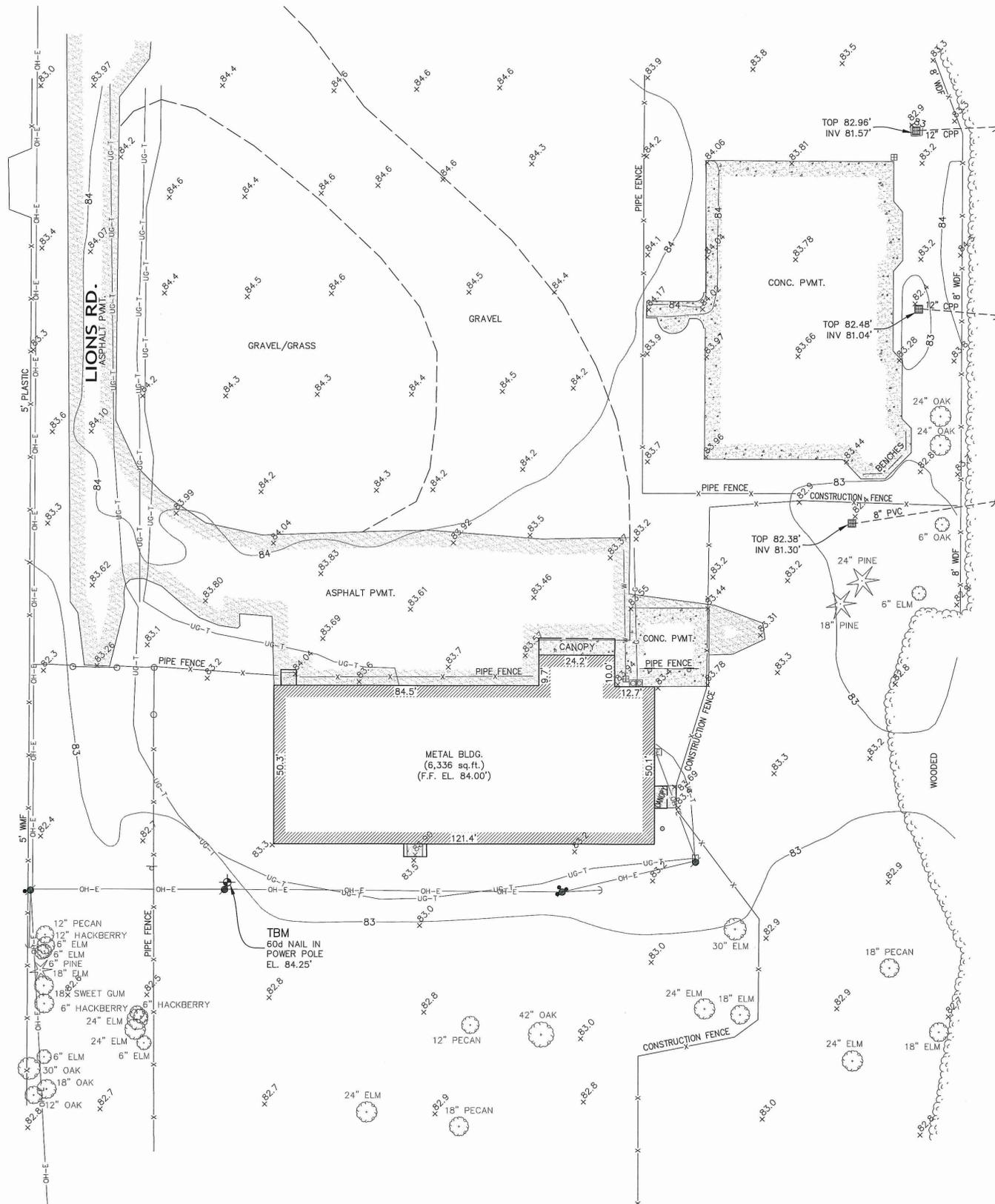
E-mail: customer.relations@scotsman-ice.com

www.scotsman-ice.com



**LEGEND**

- OH—E Overhead Electric
- Underground Drain Line
- UG—T Underground Telephone Line
- G— Underground Gas Line
- W— Underground Water Line
- X— Fence Line
- ⊙ Power Pole
- ⊙ Guy Anchor
- ⊙ Pole Mounted Transformer
- ⊙ Electric Meter
- ⊙ Water Meter
- ⊙ Gas Meter
- ⊙ Telephone Pedestal
- ⊙ Sewer Cleanout
- ⊙ Drain Inlet
- ⊙ Sign
- ⊙ CPP Corrugated Plastic Pipe
- ⊙ WDF Wood Fence
- ⊙ WMF Wire Mesh Fence
- CONC. Concrete
- FND Found
- TOC Top of Curb
- ⊙ Temporary Bench Mark
- Asphalt Pavement
- Concrete Pavement



VICINITY MAP  
NOT TO SCALE

**GENERAL NOTES:**

- 1.) Flood Note: In accordance with FEMA Flood Insurance Rate Map Panel No. 22033C0045F for East Baton Rouge Parish Louisiana, last revised June 19, 2012, the property shown hereon is located in Flood Zone "X". Nearest adjacent Base Flood Elevation = 84.0 feet (NAVD 1988). Base flood elevations are subject to change and should be verified with the Engineering Division of the Department of Public Works.
- 2.) Zoning: Zoning information should be verified with City/Parish Planning Commission.
- 3.) The survey shown hereon is referenced to State Plane Coordinate System, Louisiana South Zone, NAD 83. Distances are U.S. Survey Feet.
- 4.) Elevations and TBM's were derived from the Leica Network System using Trimble R8 dual frequency GPS units. NAVD 1988 datum, Geoid 12A.
- 5.) No attempt has been made by LandSource, Inc., to verify title, actual legal ownerships, deed restrictions, servitudes, easements, or other burdens on the property other than that furnished by the client or his representative.
- 6.) Utilities: The underground utilities shown hereon have been located from L.A. One Call (Ticket No. 150511014), visible utility features, and/or previous construction drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. The surveyor has not physically located the underground utilities, except for above ground visible utility features.
- 8.) All spot elevations are not shown for clarity of the drawing.

**MAP SHOWING PARTIAL TOPOGRAPHIC SURVEY**  
 OF  
**CHURCH STREET PARK**  
 LOCATED IN SECTION 81, T-4-S, R-1-W,  
 GREENSBURG LAND DISTRICT,  
 EAST BATON ROUGE PARISH, LOUISIANA  
 FOR  
**BREC**

Louisiana  
**One Call**  
 before you dig.  
 1-800-272-3020  
 (TICKET No. 150511014)

**CERTIFICATION:**  
 I hereby certify that I made a survey on the grounds of the property shown and that this drawing accurately reflects the findings of said survey.



David L. Patterson, P.L.S.  
 La. Registration No. 04784

Date 11/25/15

Printed on: Jan. 06, 2016 - 9:05am by jleferle

© ALL RIGHTS RESERVED  
 P:\lsi\15\15-469\03 church street\15-469-03.DWG

**LANDSOURCE**  
 INCORPORATED  
 A Professional Surveying and Land Information Company  
 Ph. (225) 752-0995  
 6730 Exchequer Drive  
 Baton Rouge, LA 70809  
 website: www.landsource.com  
 email: lsi@landsouce.com

DATE: Nov. 25, 2015  
 JOB #: 15-469-03  
 DWN. BY: KJA  
 CKD. BY: DLP  
 SHEET NO: 01  
 OF: 01

ABBREVIATIONS

L	ANGLE	F.F.	FINISH FLOOR	POL.	POLISHED
&	AND	F.F.E.	FINISH FLOOR ELEVATIONS	PR.	PAPER
@	AT	F.H.	FIRE HYDRANT	PRE-FAB.	PRE-FABRICATED
A/C	AIR CONDITIONING	F.H.C.	FIRE HOSE CABINET	PRE-FIN.	PRE-FINISHED
ACOUS.	ACOUSTICAL	FIN.	FINISH	P.T.	PORCELAIN TILE
AD.	AREA DRAIN	FL/FLR.	FLOOR	P.T.D.	PAPER TOWEL DISPENSER
ADJ.	ADJUSTABLE	F.N.D.	FEMININE NAPKIN DISPENSER	PTD.	PAINTED
A/E	ARCHITECT / ENGINEER	F.O.M.	FACE OF MASONRY	P.T.D.D.	PAPER TOWEL DISPENSER/ DISPOSAL
A.F.F.	ABOVE FINISHED FLOOR	F.O.S.	FACE OF STUD	PTN./PARTN	PARTITION
A.H.U.	AIR HANDLING UNIT	FRF.	FIREPROOFING	P.T.R.	PAPER TOWEL RECEPTACLE
A.T.	ACOUSTICAL TILE	F.S.	FULL SIZE	PVMT.	PAVEMENT
ALT.	ALTERNATE	F.S.S.	FOLDING SHOWER SEAT	PWD./PLYWD	PLYWOOD
ALUM./AL.	ALUMINUM	FT.	FOOT/FEET	R.	RISER
A.P.C.	ARCHITECTURAL PRECAST CONCRETE	FTG.	FOOTING	RAD.	RADIUS
A.P.	ACCESS PANEL	FURN.	FURNISHED	R.A.G.	RETURN AIR GRILL
APPROX.	APPROXIMATE	FURR.	FURRING	R.B.	RUBBER BASE
ARCH.	ARCHITECTURAL	F.W.C.	FABRIC WALL COVERING	R.C.P.	REINFORCED CONCRETE PIPE
ASB.	ASBESTOS	GA.	GALVE	REC.	RECESSED RECTANGULAR
ASPH.	ASPHALT	GALV.	GALVANIZED	R.D.	ROOF DRAIN
ATTEN.	ATTENTION	G.B.	GRAB BAR	R.D.	ROUND
A.V.	AUDIO VISUAL	GRD.	GRADE	REF.	REFERENCE
		G.C.	GENERAL CONTRACTOR	REF.	REFERENCE
BO.	BOARD	GL.	GLASS	REFL.	REFLECTED
BIT.	BITUMINOUS	GLBK.GND.	GLASS BLOCK GROUND	REQ.	REQUIRED
BLDG.	BUILDING / BLOCKING	GYP.	GYPSPUM	RESIL.	RESILIENT
BM.	BEAM	GYP.BD.	GYPSPUM BOARD	R.H.	ROBE HOOK
B.M.	BENCHMARK			RM.	ROOM
BOT.	BOTTOM			R.O.	ROUGH OPENING
B.R.	BUMPER RAIL	H.B.	HOSE BIB	S.	SOUTH
BRG.	BEARING	H.C.	HOLLOW CORE	S.C.	SOLID CORE
BRZ.	BRONZE	HCP./JHC	HANDICAP	SCH.	SCHEDULE
B/U	BUILT UP	HCWD.	HOLLOW CORE WOOD	S.C.W.D.	SOLID CORE WOOD
B.U.R.	BUILT UP ROOF	HDWE.	HARDWARE	S.D.	SOAP DISPENSER
		HGT.	HEIGHT	SEC. GL.	SECURITY GLASS
[ ]/CH.	CHANNEL	H.M.	HOLLOW METAL	SECT.	SECTION
CAB.	CABINET	HORIZ.	HORIZONTAL	SER.S./S.SK	SERVICE SINK
C.B.	CATCH BASIN	HR.	HOUR	SHT.	SHEET
CEM.	CEMENT	H.R.	HANDRAIL	SHV.	SHELVES
CER.	CERAMIC	H.V.	HOMOGENOUS VINYL	SHWR.	SHOWER
C.G.	CORNER GUARD	HVAC.	HEATING / VENTILATING & AIR COND.	SIM.	SIMILAR
CH.BD.	CHALK BOARD	I.D.	INSIDE DIAMETER	SPEC.	SPECIFICATION
CAST IRON	CAST IRON	INSUL.	INSULATION	SQ.	SQUARE
C.J.	CONTROL JOINT	INT.	INTERIOR	SQ.FT.	SQUARE FEET
CLG.	CEILING	INV.	INVERT	S.D.	SANITARY NAPKIN DISPOSAL
C.	CENTERLINE	I.P.	IRON PIPE	SS	SANITARY SEWER
CLR.	CLEAR	JAN.	JANITOR	S.S.	STAINLESS STEEL
C.M.U.	CONCRETE MASONRY UNIT	J.B.	JOIST BEARING	S.S.D.	SHOWER SOAP DISH
C.O.	CASED OPENING	JT.	JOINT	S.T.C.	SOUND TRANSMISSION CLASS
COL.	COLUMN	K.D.	KNOCK DOWN	STD.	STANDARD
CONC.	CONCRETE	L.A.T.	LAY-IN-ACOUSTICAL TILE	ST.DR.	STORM DRAIN
CONN.	CONNECTION	LAM.	LAMINATE	STEEL	STEEL
CONSTR.	CONSTRUCTION	LAV.	LAVATORY	STRUCT.	STRUCTURAL
CONT.	CONTINUOUS	LBS.	POUNDS	SUSPENDE	SUSPENDED
COORD.	COORDINATE	LKR.	LOCKER	S.V.	SHEET VINYL
CPT.	CARPET	LT.	LIGHT	SYM.	SYMMETRICAL
C.R.	CURTAIN ROD	LT.WT.	LIGHT WEIGHT	T./TR.	THREAD
C.R. CH.	COLD ROLLED CHANNEL	LVR.	LOUVER	T.B.	TOWEL BAR
C.T.	CERAMIC TILE	MAS.	MASONRY	T.O.C.	TOP OF CURB
CTSK	COUNTERSUNK	MAX.	MAXIMUM	T.D.R.	TOWEL DISPENSER RECEPTACLE
		MECH.	MECHANICAL	TEL.	TELEPHONE
DBL	DOUBLE	MEMB.	MEMBRANE	TEMP. GL.	TEMPERED GLASS
DEPT.	DEPARTMENT	MFR./MFRG.	MANUFACTURER	T&G	TONGUE AND GROOVE
DETL.	DETAIL	MH.	MANHOLE	TH./THRES.	THRESHOLD
DIA.	DIAMETER	MIN.	MINIMUM	THK.	THICK
DIM.	DIMENSION	MISC.	MISCELLANEOUS	T.P.	TOP OF PAVEMENT
DISP.	DISPENSER	M.O.	MASONRY OPENING	T.P.H.	TOILET PAPER HOLDER
DN.	DOWN	M.R.GYP.BD.	MOISTURE RESISTANT GYPSUM BOARD	T.O.S.	TOP OF STEEL
DP.	DAMP-PROOFING	MTD.	MOUNTED	TRD.	TREAD
DS.	DOWNSPOUT	MTL.	METAL	TYP.	TYPICAL
DWGS.	DRAWINGS	MATL.	MATERIAL	U.H.	UNIT HEATER
		MIR.	MIRROR	U.N.O.	UNLESS NOTED OTHERWISE
E.	ELEVATOR	MULL.	MULLION	U.P.S.	UNINTERRUPTED POWER SUPPLY
E.A.	EACH	N.	NORTH	U.S.	UTILITY SHELF
E.D.F.	ELECTRICAL DRINKING FOUNTAIN	N.A.	NOT APPLICABLE	V.B.	VINYL BASE
E.F.	EXHAUST FAN	N.I.C.	NOT IN CONTRACT	V.C.T.	VINYL COMPOSITION TILE
E.I.F.S.	EXT. INSULATING FINISH SYSTEM	N.T.S.	NOT TO SCALE	VERT.	VERTICAL
E.J.	EXPANSION JOINT	NO./#	NUMBER	VOJ	VERIFY ON JOB
ELEC.	ELECTRICAL	NOM.	NOMINAL	V.T.R.	VENT-THRU-ROOF
ELEV.	ELEVATION	O.A.	OUTSIDE AREA	V.W.C.	VINYL WALL COVERING
EL.	ELEVATION	O.C.	ON CENTER	W.	WEST
EMER.	EMERGENCY	O.D.	OUTSIDE DIAMETER (DIM.)	W/	WITH
ENCL.	ENCLOSURE	O.H.	OPPOSITE HAND	W.C.	WATER CLOSET
EP.	EPOXY PAINT	OH.	OVERHEAD	WD.	WOOD
E.P.	ELECTRICAL PANELBOARD	OPNG. / OPG.	OPENING	WDW.	WINDOW
EQ.	EQUAL	OPP.	OPPOSITE	W.GL	WIRE GLASS
EQUIP.	EQUIPMENT	O.S.	OVERFLOW SCUPPER	W.H.	WATER HEATER
EST.	EXPOSED STRUCTURE	PBD.	PARTICLE BOARD	W/O	WITHOUT
E.W.	EACH WAY	PC.CONC.	PRECAST CONCRETE	W.P.	WATERPROOF
EXH.	EXHAUST	P.I.P.	POURED-IN-PLACE	W.SCT.	WAINSCOT
EXP.	EXPANSION	P/P.L.	PROPERTY LINE	WT./WGT.	WEIGHT
EXPO.	EXPOSED	PL.	PLATE	W.W.M.	WELDED WIRE MESH
EXST./EXIST.	EXISTING	PLAS.	PLASTER	W.W.F.	WELDED WIRE FABRIC
EXT.	EXTERIOR				
F.A.P.	FIRE ALARM PANEL				
F.D.	FLOOR DRAIN				
FDN.	FOUNDATION				
F.E.	FIRE EXTINGUISHER				
F.E.C.	FIRE EXTINGUISHER CABINET				

BUILDING CODE AND LIFE SAFETY

<b>EXISTING BUILDING AREA</b>	5,966 SF
<b>NEW BUILDING AREA</b>	1,434 SF
<b>TOTAL ADDITION AREA =</b>	
<b>BUILDING CODE:</b>	2012 IEBC / 2012 IBC
<b>LIFE SAFETY CODE:</b>	NFPA 101, 2012 EDITION
<b>OTHER CODES:</b>	ADA STANDARDS FOR ACCESSIBLE DESIGN

**IBC-IEBC 2012**  
THIS SCOPE DOES NOT INCLUDE A CHANGE OF OCCUPANCY. WORK AREA DOES NOT EXCEED 50% OF THE BUILDING AREA. ADDITION OF HVAC IN GYM AND EXISTING MULTIPURPOSE CLASSIFIED AS LEVEL 2 ALTERATIONS. NEW MULTIPURPOSE AND ASSOCIATED SUPPORT SPACES CLASSIFIED AS ADDITION.

<b>BUILDING OCCUPANCY:</b>	BUSINESS / ASSEMBLY
<b>CONSTRUCTION TYPE:</b>	II-B
<b>OCCUPANT LOAD:</b>	BUSINESS: 1 (188 SF) ASSEMBLY: 898 (6,291 SF)
<b>MAXIMUM ALLOWABLE HEIGHT:</b>	3 STORES / 2 STORES
<b>MAXIMUM ALLOWABLE AREA:</b>	23,000 SF / 9,500 SF
<b>EXISTING TOTAL BUILDING AREA:</b>	7,400 SF
<b>EXISTING BUILDING HEIGHT:</b>	1 STORY
<b>ALLOWABLE HEIGHT INCREASE:</b>	NONE REQUIRED
<b>ALLOWABLE AREA INCREASE:</b>	NONE REQUIRED
<b>CONSTRUCTION REQUIREMENTS:</b>	NO SPECIAL REQUIREMENTS
<b>FIRE PROTECTION REQUIREMENTS:</b>	NO SPECIAL REQUIREMENTS
<b>MEANS OF EGRESS REQUIREMENTS:</b>	REFER TO LIFE SAFETY PLANS FOR EGRESS WIDTHS AND OCCUPANT LOADS
<b>SPECIAL RESTRICTIONS:</b>	NONE
<b>SPRINKLERS AND ALARM SYSTEMS:</b>	FIRE ALARM SYSTEM PROVIDED. PER IEBC 2012, §804.2.2, ALTERATION LEVEL 2, WORK AREAS DO NOT EXCEED 50% OF THE BUILDING AREA, THEREFORE NO SPRINKLER REQUIRED.

<b>NFPA 101</b>	<b>CLASSIFICATION OF OCCUPANCY:</b>	BUSINESS / ASSEMBLY
	<b>MEANS OF EGRESS REQUIREMENTS:</b>	REFER TO LIFE SAFETY PLANS FOR EGRESS WIDTHS AND OCCUPANT LOADS
	<b>CAPACITY / NUMBER OF MEANS OF EGRESS REQ'D:</b>	REFER TO LIFE SAFETY PLANS FOR EGRESS WIDTHS AND OCCUPANT LOADS
	<b>CAPACITY / NUMBER OF EGRESS PROVIDED:</b>	REFER TO LIFE SAFETY PLANS FOR EGRESS LOCATIONS AND OCCUPANT LOADS
	<b>ARRANGEMENT OF MEANS OF EGRESS REQUIRED:</b>	NOT LESS THAN 1/2 THE DIAGONAL OF THE BUILDING FOR ROOMS REQUIRING 2 EXITS
	<b>TRAVEL DISTANCE / DEAD END CORRIDORS REQUIRED:</b>	DEAD END LIMIT: 20'; TRAVEL DISTANCE: 200'
	<b>OCCUPANCY REQUIREMENTS:</b>	NO SPECIAL REQUIREMENTS
	<b>SPECIAL CONDITIONS:</b>	NONE
	<b>FIRE PROTECTION REQUIRED:</b>	2HR SEPARATION BETWEEN EXISTING AND ADDITION
	<b>MEANS OF EGRESS REQUIREMENTS DUE TO OCCUPANCY:</b>	REFER TO LIFE SAFETY PLANS
	<b>INTERIOR FINISHES AND FURNISHINGS REQUIREMENTS:</b>	AS PER NFPA

<b>ADA</b>	<b>SPECIAL REQUIREMENTS:</b>	NONE REQUIRED; MEET STANDARD REQUIREMENTS
------------	------------------------------	---

INDEX OF DRAWINGS

Sheet Number	Sheet Name
----	BID & CONSTRUCTION DOCUMENTS
11.01	INDEX OF DRAWINGS / LEGENDS
11.02	ADA INFO

**GENERAL**

LS.01	1ST FLOOR LIFE SAFETY PLAN
LS.02	UL WALL TYPES
LS.03	UL WALL TYPES

**LIFE SAFETY**

D1.00	DEMO SITE PLAN
D1.01	DEMO FLOOR PLAN

**ARCHITECTURE**

A1.00	SITE PLAN
A1.01	FOUNDATION & DETAILS
A1.02	SITE DETAILS
A1.03	SITE DETAILS - ADD ALTERNATE # 1
A2.00	FLOOR PLANS
A2.01	ROOF PLAN
A2.02	FLOOR PLANS ADD ALT 1
A2.05	FRAMING PLAN
A3.00	ENLARGED PLANS
A3.01	ENLARGED PLANS
A3.02	ENLARGED PLANS
A4.01	DOOR SCHEDULE & TYPES
A4.02	DOOR / WINDOW DETAILS
A5.01	REFLECTED CEILING PLAN
A5.02	WALL TYPES
A6.01	ELEVATIONS & BUILDING SECTIONS
A8.01	WALL SECTION
A8.02	WALL SECTION
A8.03	WALL SECTIONS
A8.04	WALL SECTIONS
A10.01	INTERIOR ELEVATIONS
A10.02	INTERIOR ELEVATIONS
A10.03	INT. ELEVATION & MILLWORK

**MECHANICAL**

M1.0	FLOOR PLAN - PLUMBING
M2.0	FLOOR PLAN - HVAC
M3.0	MECHANICAL SCHEDULES
M4.0	MECHANICAL DETAILS

**ELECTRICAL**

E1.0	FLOOR PLAN - LIGHTING
E2.0	FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E3.0	ELECTRICAL SCHEDULES AND DETAILS



www.domain-dsgn.com  
8316 kelwood avenue  
baton rouge, la 70806  
225.216.3770 ph  
225.216.3771 fax



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**  
 3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
 4609 FAIRFIELD STREET  
 METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**

sheet  
**11.01**

NFPA	
	MODIFICATION
	RENOVATION
	ADDITION

### LIFE SAFETY LEGEND

72 REQUIRED / 888 PROVIDED — NUMBER OF OCCUPANTS ALLOWED / NUMBER OF OCCUPANTS EXITING

90 — REQUIRED OPENING RATING (min.)

EXISTING EXIT SIGN (DIRECTION & ILLUMINATION SIDE)

EXIT SIGN (DIRECTION & ILLUMINATION SIDE)

EXISTING FIRE EXTINGUISHER

NEW FIRE EXTINGUISHER

FE-1 — FIRE EXTINGUISHER: SEMI-RECESSED CABINET

FE-2 — FIRE EXTINGUISHER: SURFACE MOUNTED CABINET

FE-3 — FIRE EXTINGUISHER: FULLY RECESSED CABINET

FE-4 — FIRE EXTINGUISHER: SURFACE MOUNTED BRACKET

FE-5 — FIRE EXTINGUISHER: UNDER COUNTER WITH BRACKET

SMOKE PARTITION

1 - HOUR RATED WALL

2 - HOUR RATED WALL

3 - HOUR RATED WALL

4 - HOUR RATED WALL

### BUILDING INFO:

ORIGINAL BUILDING BUILT 1980, FOOTPRINT OF 4811 SF INCLUDING GYM AND LOBBY.

ADDITION OF MULTIPURPOSE ROOM BUILT 1992, ADDED 1155 SF

TYPE IIB OR IIB (0,0,0) CONSTRUCTION OF A PREENGINEERED METAL BUILDING FRAME WITH METAL PANEL WALLS AND STANDING SEAM METAL ROOF, NO FIRE ALARM SYSTEM ADDED, ASSUME THIS IS AN EXISTING NON-CONFORMING CONDITION.

FIRE ALARM INSTALLED THIS PROJECT

### SCOPE OF CURRENT WORK:

**IEBC 2012:**

§804.2.2 ALTERATION LEVEL 2, WORK AREAS DO NOT EXCEED 50% OF THE BUILDING AREA, THEREFORE, NO SPRINKLER REQUIRED.

### NFPA 101:

ADDITION, PER 5543.1.1(6): 1037 SF NEW CONSTRUCTION INCLUDING MULTIPURPOSE ROOM WITH CHAIR STORAGE, JANITOR CLOSET, FAMILY TOILET ROOM.

MODIFICATION, PER 5543.1.1(3): NEW HVAC IN GYMNASIUM, NEW HVAC IN EXISTING MULTIPURPOSE, NEW FIRE ALARM.

§43.5.2.2 ADDITION OF NEW HVAC SYSTEM IN GYM AND MULTIPURPOSE DOES NOT REQUIRE "RECONSTRUCTION" CATEGORY.

§43.6.4.1 AREA MODIFIED BY WORK LESS THAN 50% OF THE AREA OF THE BUILDING, THEREFORE NO SPRINKLER REQUIRED.

§43.8.1.2 ADDITION DOES NOT EXTEND ANY NONCONFORMITY.

§43.8.3 HORIZONTAL FIRE BARRIER SEPARATION BETWEEN EXISTING AND ADDITION, THEREFORE NO SPRINKLER REQUIRED.

§13.1.1.7 EXISTING NOT REQUIRED TO BE MODIFIED IF:

(1) NEW CONSTRUCTION DOES NOT DIMINISH FIRE SAFETY - NEW CONSTRUCTION INCREASES PROTECTION AND FIRE SAFETY BY PROVIDING FIRE BARRIER BETWEEN NEW AND EXISTING. NEW HAS INDEPENDENT MEANS OF EGRESS WITH CONVENIENCE OPENINGS BETWEEN THE TWO, PROVIDING FIRE ALARM.

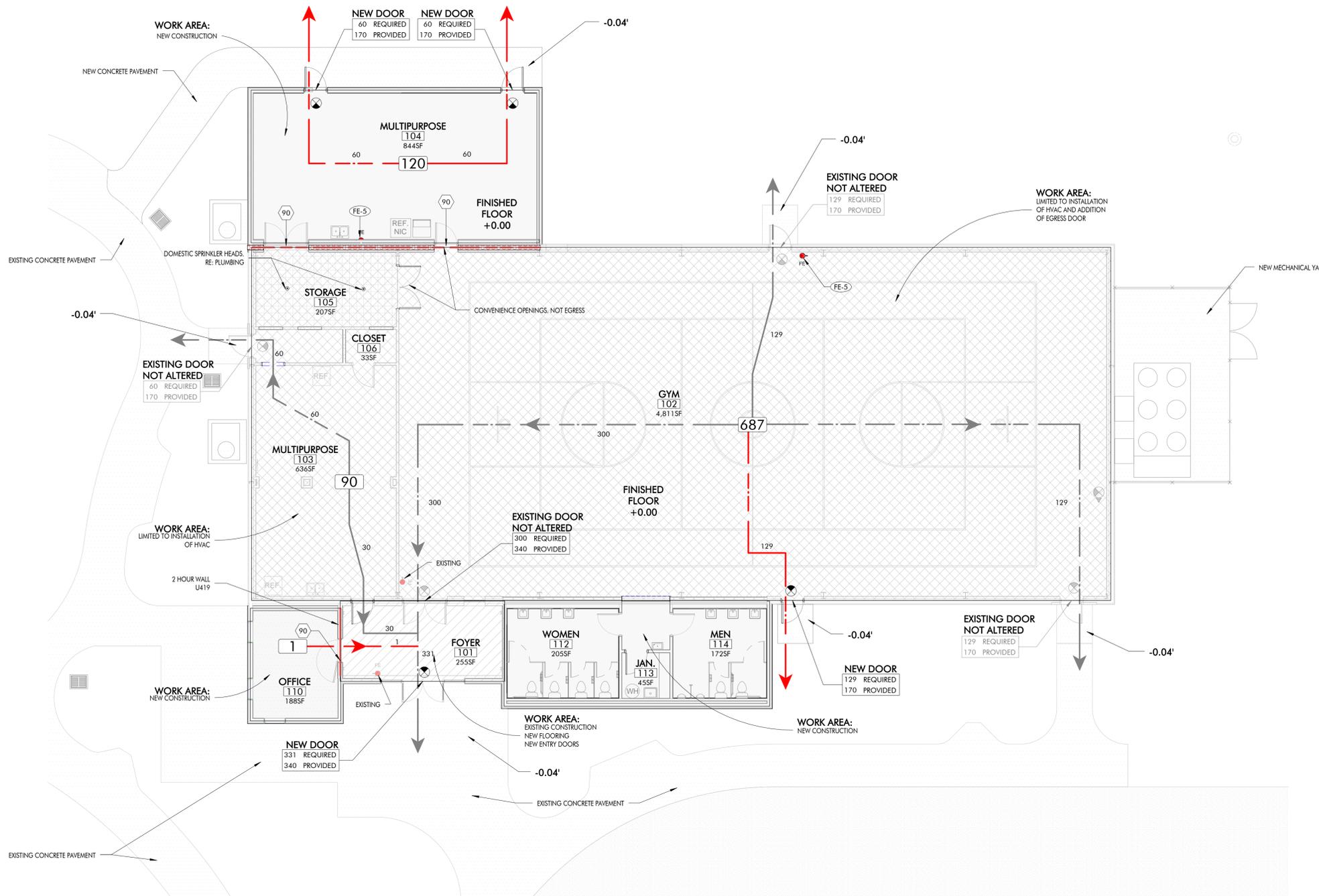
(2) ADDITION DOES NOT REQUIRE AN INCREASE IN SEPARATE MEANS OF EGRESS PER §7.4.1.2. EXISTING OCCUPANT LOAD: 777 PERSONS REQUIRES THREE EXITS, ACTUAL FOUR EXISTING EXITS.

NEW OCCUPANT LOAD: 121 PERSONS REQUIRES THREE EXITS, PROVIDING SEVEN EXITS.

§13.1.6 TYPE II (0,0,0) OR IIB, NOT SPRINKLED, 1 STORY NEW WORK = 47 OCCUPANTS WHICH IS SIGNIFICANTLY LESS THAN 1000 OCCUPANTS ALLOWED.

§13.1.7.1 OCCUPANT LOAD: 75F/PERSON

§13.3.4.1.1 FIRE ALARM REQUIRED



CD SET  
 50% NOT FOR CONSTRUCTION

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

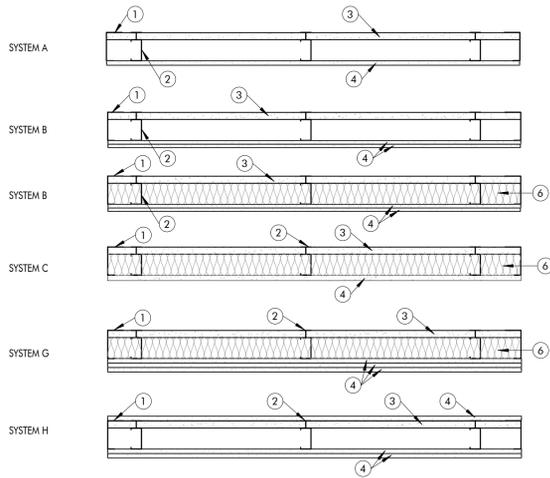
civil engineer:  
**CRUMB ENGINEERING, LLC**  
 4609 FAIRFIELD STREET  
 METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**

sheet  
**LS.01**





UL DESIGN NO. U415  
1, 2, OR 3 HR NONBEARING WALL RATINGS

**1. Floor, Side and Ceiling Runners** — "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B or 7 are used) galv steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. "E" - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners.

**2. Steel Studs** — "C-H" - shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B or 7 is used) galv steel. Cut to lengths 3/8 to 1/2 in. less than floor-to-ceiling height and spaced 24 in. or 600 mm OC.

**2A. Steel Studs** — (Not Shown) — "E" - shaped studs installed back to back in place of "C-H" - shaped studs (Item 2) "E" - shaped studs secured together with steel screws spaced a maximum 12 in. OC. Fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B or 7 is used) galv steel, min 2-1/2 in. deep (min 4 in. deep when System C is used), with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut to lengths 3/8 to 1/2 in. less than floor to ceiling heights.

**System A — 1 Hr**

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in., when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing.

**System B — 2 Hr**

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 8 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in.

**System C — 2 Hr**

Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, secured with 1-1/4 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field when installed vertically or 8 in. OC along the vertical edges and in the field when installed horizontally. Horizontal joints need not be backed by steel framing. Screws along side joints offset 4 in. Requires min 4 in. deep framing per Items 1, 2 and 3. Requires min 3 in. thick mineral wool bats per Item 6.

**System G — 3 Hr**

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in OC when installed horizontally. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 2-1/4 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

**System H — 3 Hr**

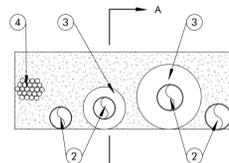
Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, two layers over the flange of the "C" section of the studs, one layer over the flange of the "H" section of the studs. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

**5. Joint Tape and Compound** — (Not Shown)

Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with joint compound.

**6. Bolts and Blankets** —

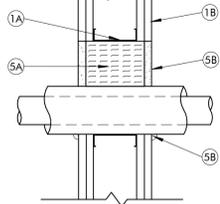
(Optional) — Mineral wool or glass fiber bats partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance.



UL SYSTEM No. W-L-8065

ANSI/UL1479 (ASTM E814)

F Rating -- 1 and 2 Hr (See Item 1)  
T-Rating -- 0



System tested with a pressure differential of 2.5 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

**1. Wall Assembly** — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

**A. Studs** — Wall framing may consist of either wood studs or channel shaped steel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced max 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Additional framing members shall be installed in stud cavity containing through-penetrating item to form a rectangular box around the penetrants.

**B. Gypsum Board\*** — 5/8 in. (16 mm) thick with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Wall and Partition Design. If the through penetrants are installed in a wood stud/gypsum board assembly, the max area of opening is 116 in.2 (748 cm2), with max dimension of 14-1/2 in. (368 mm). If the through penetrants are installed in a steel stud/gypsum board assembly, max area of opening is 182-3/4 in. (1174 cm2) with max dimension of 22-3/4 in. (578 mm) wide.

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

**2. Through-Penetrant** — One or more pipes, conduit or tubes to be installed within the opening. The total number of through-penetrants is dependent on the size of the opening and the types and sizes of the penetrants. Any combination of the penetrants described below may be used provided that the following parameters relative to the annular spaces and the spacing between the through penetrants are maintained. The separation between the penetrants shall be min 1 in. (25 mm) to max 22 in. (560 mm). The annular space between penetrants and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 22 in. (560 mm). Pipes, conduit or tubes to be rigidly supported on both sides of wall assembly. The following types and sizes of pipes, conduit or tubes may be used:

**A. Copper Tubing** — Nom 3 in. (76 mm) diam (or smaller) Type L (or heavier) copper tube.

**B. Copper Pipe** — Nom 3 in. (76 mm) diam (or smaller) Regular (or heavier) copper pipe.

**C. Steel Pipe** — Nom 3 in. (76 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

**D. Iron Pipe** — Nom 3 in. (76 mm) diam (or smaller) cast or ductile iron pipe.

**E. Conduit** — Nom 3 in. (76 mm) diam (or smaller) electric metallic tubing (EMT) or rigid steel conduit.

**F. Polyvinyl Chloride (PVC) Pipe** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.

**G. Chlorinated Polyvinyl Chloride (CPVC) Pipe** — Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.

**H. Rigid Nonmetallic Conduit (RNC)+** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with Articles 347 and 710 of the National Electrical Code (NEPA No. 70).

**I. Cross Linked Polyethylene Tubing** — Nom 1 in. (25 mm) diam (or smaller) cross-linked polyethylene tubing for use in closed (process or supply) piping systems.

**3. Pipe Insulation** — One or more metallic penetrants (pipe or tubing) may be insulated with the following types of pipe coverings:

**A. Pipe Covering\*** — Min 1 in. (25 mm) to max 2 in. (51 mm) thick hollow cylindrical heavy density min 3.5 pcf (56 kg/m3) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product.

See **Pipe and Equipment Covering - Materials (BRGU)** category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

**B. Tube Insulation-Plastics+** — Min 1/2 in. (13 mm) to max 3/4 in. (19 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing.

See **Plastics+** (QMFZ2) category in the Plastics Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL 94 Flammability Classification of 94-5VA may be used.

**C. Pipe Covering Materials\*** — Min 1 in. (25 mm) to max 2 in. (51 mm) thick unfaced mineral fiber pipe insulation having a nom density of 3.5 pcf (56 kg/m3) or heavier and sized to fit the outside diam of pipe or tube. Pipe insulation secured with min 18 SWG steel wire spaced 12 in. (305 mm) OC.

**IIG MINWOOOL L C** — High Temperature Pipe Insulation 1200, High Temperature Pipe Insulation BWT and High Temperature Pipe Insulation Thermaloc

**C1. Sheathing Material** — (Not shown) — Optional, used in conjunction with Item 3C. Fail-scrim-kraft or all service jacket material shall be wrapped around the outer circumference of the pipe covering material (Item 3B) with the kraft side exposed. Longitudinal joints sealed with metal fasteners.

See **Sheathing Materials (BVDV)** category in the Building Materials Directory for names of manufacturers. Any sheathing material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread value of 25 or less and a Smoke Developed value of 50 or less may be used.

The annular space between the insulated penetrants and the periphery of the opening shall be min 0 in. (0 mm, point contact) to max 5 in. (127 mm). The separation between the insulated penetrants and the other penetrants shall be a min 1 in. (25 mm) to max 22 in. (560 mm).

**4. Cables** — One max 3 in. (76 mm) diam bundle of cables installed within the opening and rigidly supported on both surfaces of wall. The annular space between the tightly-bundled cables and the periphery of the opening shall be min 0 in. (0 mm, point contact) to max 5 in. (127 mm). The separation between the cable bundle and the other penetrants shall be min 1 in. (25 mm) to max 22 in. (560 mm). Any combination of the following types and sizes of cables may be used:

A. Max 25 pair No. 24 AWG telephone cable with polyvinyl chloride (PVC) insulation and jacket.

B. Max 7/C No. 12 AWG copper conductor power and control cable with PVC or cross-linked polyethylene (XLPE) insulation and PVC jacket.

C. Multiple fiber optical communication cable jacketed with PVC and having a max outside diam of 1/2 in. (13 mm).

D. Max 3/C No. 8 AWG with bare aluminum ground, PVC insulated steel Metal-Clad+ Cable currently Classified under the **Through Penetrating Product\*** (XHLV) category.

E. Max 3/C (with ground) No. 12 AWG (or smaller) nonmetallic sheathed (Romex) cable with PVC insulation and jacket materials.

F. RG/U coaxial cable with polyethylene (PE) insulation and polyvinyl chloride (PVC) jacket having a max outside diam of 1/2 in. (13 mm).

**5. Firestop System** -- the firestop system shall consist of the following:

**A. Packing Material** — In 2 hr fire rated wall assemblies, min 4-3/4 in. (121 mm) thickness of min 4 pcf (64 kg/m3) mineral wool batt insulation firmly packed into opening as a permanent form. In 1 hr fire rated wall assemblies, min 3-1/2 in. (89 mm) thickness of min 4 pcf (64 kg/m3) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material recessed from both surfaces of the wall to accommodate the required thickness of fill material.

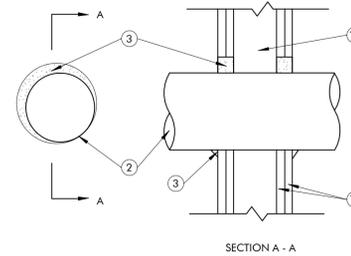
**B. Fill, Void or Cavity Material\*** — Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall. At the point contact location between through penetrants and gypsum board, a min 1/4 in. (6 mm) diam bead of fill material shall be applied at the gypsum board/through penetrant interface on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

+ Bearing the UL Listing Mark

# Bearing the UL Recognized Component Mark



UL SYSTEM No. W-L-7042

ANSI/UL1479 (ASTM E814)

F Ratings - 1 and 2 Hr (See Items 1 and 3)  
T Rating - 0 Hr

**1. Wall Assembly** — The 1 or 2 hr fire rated wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

**A. Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced 24 in. (610 mm) OC.

**B. Gypsum Board\*** — For 1 hr assembly, one layer of min 5/8 in. (16 mm) thick wallboard as required in the individual Wall and Partition Design. For 2 hr assembly, two layers of min 5/8 in. (16 mm) thick wallboard as required in the individual Wall and Partition Design. Max diam of opening is 14-1/2 in. (368 mm) for wood stud walls and 21-3/4 in. (552 mm) for steel stud walls.

The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.

**2. Through Penetrant** — Galv steel duct to be installed concentrically or eccentrically within the firestop system. The annular space between the duct and periphery of opening shall be 0 in. (0 mm, point contact) and max 1-1/2 in. (64 mm) Duct to be rigidly supported on both sides of wall assembly.

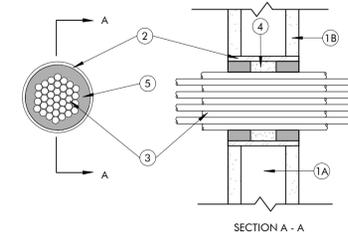
**A. Spiral Wound HVAC Duct** — Nom 20 in. (502 mm) diam (or smaller) No. 24 MSG (or heavier) galv steel spiral wound duct.

**B. Sheet Metal Duct** — Nom 12 in. (305 mm) diam (or smaller) No. 28 MSG (or heavier) galv steel sheet duct.

**3. Fill, Void or Cavity Material\*** — Sealant — Min 5/8 in. (16 mm) and 1-1/4 in. (32 mm) thickness of fill material applied within annulus, flush with both surfaces of wall assembly for 1 or 2 hr rated walls, respectively. At the point contact location between duct and wallboard, a min 1/2 in. (13 mm) diam bead of sealant shall be applied at the wallboard/duct interface on both surfaces of wall assembly.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP601S Elastomeric Firestop Sealant, FS-ONE Sealant, FS-ONE MAX Intumescent Sealant or CP606 Flexible Firestop Sealant

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



UL SYSTEM No. W-L-3046

ANSI/UL1479 (ASTM E814)

F Rating -- 1 Hr  
T Rating -- 1/2 Hr

**1. Wall Assembly** — The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

**A. Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.

**B. Gypsum Board\*** — One layer of 5/8 in. (16 mm) thick gypsum wallboard, as specified in the individual Wall and Partition Design. Max diam of opening is 6 in. (152 mm).

**2. Metallic Sleeve** — Nom 6 in. (152 mm) diam (or smaller) Schedule 40 (or thinner) steel pipe cast into wall assembly with joint compound and installed flush with wall surface.

**3. Cables** — Max 7/C No. 12 AWG cables with polyvinyl chloride jacket and insulation. Aggregate cross-sectional area of tightly bundled cable group to be 33 percent of the aggregate cross-sectional area of the opening. Cables to be rigidly supported on both sides of wall assembly.

**5. Fill, Void or Cavity Material\*** — Sealant — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant  
\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



These drawings are the property of DOMAIN ARCHITECTURE APAC, and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
SB # 1672 CHURCH STREET RECREATION CENTER  
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

sheet  
LS.03

1	U415 1" = 1'-0"	2	WL 8065 1" = 1'-0"	3	WL 7042 1" = 1'-0"	4	WL 3046 1" = 1'-0"
---	--------------------	---	-----------------------	---	-----------------------	---	-----------------------

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

Civil engineer:  
 CRUMB ENGINEERING, LLC  
 4609 FAIRFIELD STREET  
 METAIRIE, LA 70006

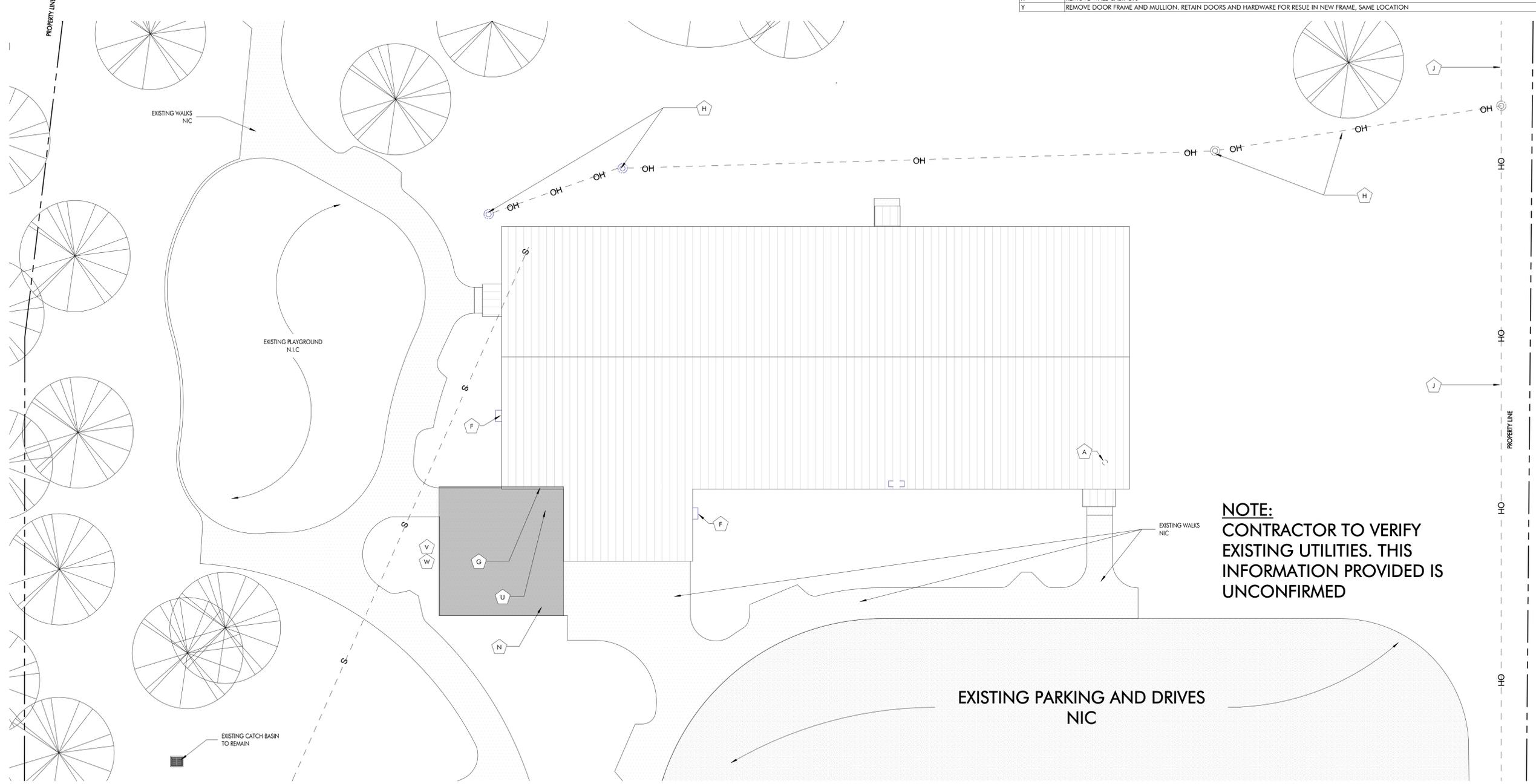
revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

PROJ. #. C15-0016z


date  
 05 AUGUST 2016

sheet  
**D1.00**

DEMOLITION NOTES	
MARK	DESCRIPTION
A	REMOVE EXISTING GAS FIRED HEATERS, PIPING, AND RELATED APPURTENANCES. INSPECT EXISTING ROOF CONSTRUCTION AND REPAIR ADJACENT CONSTRUCTION AS REQUIRED. REPAIR ROOF AT VTR LOCATION AS INDICATED IN 1/A2.01
B	DEMOLISH INTERIOR WALL PATCH SLAB AS REQUIRED. PREP FOR NEW VCT FLOORING
C	REMOVE EXISTING LOUVER, FRAME AND TRIM. CLEAN ROUGH OPENING AND RESTORE TO CONDITION APPROPRIATE FOR NEW INFILL CONSTRUCTION
D	REMOVE EXISTING WATER COOLER AND SUPPLY AND DRAIN LINES
E	CAREFULLY DEMOLISH EXTERIOR WALL AND APPLIED FINISHES. ALL COMPONENTS SOLELY FOR THE PURPOSE OF SUPPORTING THE EXTERIOR SKIN TO BE REMOVED. ALL METAL BUILDING AND RELATED COMPONENTS, INCLUDING BUT NOT LIMITED TO LATERAL BRACING GIRTS, OR WIND BRACING TO REMAIN UNDAMAGED. FOUNDATION TO REMAIN UNDISTURBED
F	REMOVE EXISTING WALL MOUNTED WINDOW UNIT, CONTROLS. REMOVE WOOD TRIM
G	REMOVE GAS METER. RE: MECH
H	REMOVE EXISTING UTILITY POLES. OVERHEAD SERVICE TO BE RELOCATED. RE: ELECTRICAL
J	OVERHEAD LINE TO REMAIN. RE: ELECTRICAL
K	REMOVE GAS FIRED HEATERS, PIPING, AND RELATED APPURTENANCES. INSPECT EXISTING ROOF CONSTRUCTION AND REPAIR ADJACENT CONSTRUCTION. THE RECREATION CENTER TRUSSES ARE COATED WITH A PAINT THAT CONTAINS LEAD. THE CONTRACTOR SHALL AVOID WORK ACTIVITIES INVOLVING SANDING OF THE PAINT AND DAMAGE TO THE LEAD-CONTAINING PRIMER COAT LAYER. IF THESE WORK ACTIVITIES ARE REQUIRED, THE CONTRACTOR SHALL PROTECT WORKERS AND BUILDING OCCUPANTS, AND PERFORM THESE WORK ACTIVITIES IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. AT THOSE IMMEDIATE LOCATIONS OR AREAS OF WORK ACTIVITY, THE PAINT SHOULD BE REMOVED, LOCALLY, AND HANDLED ACCORDING TO FEDERAL AND STATE REGULATIONS. THIS CAN BE BEST ACCOMPLISHED BY A LIQUID PAINT REMOVER. UNBOLTING CLAMPS, SCREWS OR BOLTS ATTACHED TO THE STRUCTURE MAY RELEASE SMALL QUANTITIES OF PAINT. USE CAREFUL METHODS TO DISTURB THE EXISTING PAINT / PRIMER TO AS SMALL OF A DEGREE AS POSSIBLE, AND CLEAN ALL SURFACES AFFECTED IN ACCORDANCE WITH FEDERAL AND STATE REGULATION
L	REMOVE TOILET ROOM FLOORING. PREP AND CLEAN FOR NEW VCT FLOORING
M	REMOVE WOODEN ATTIC PULL DOWN STAIR. RETAIN OPENING FRAMING. PREP OPENING AS REQUIRED FOR NEW LIGHTWEIGHT METAL STAIR
N	REMOVE EXISTING PAVING TO LIMITS SHOWN, AS REQUIRED FOR ADDITION
P	REMOVE DOOR AND FRAMES
Q	REMOVE WALL ASSEMBLY AS REQUIRED TO MAKE ROUGH OPENING FOR INSTALLATION OF NEW HOLLOW METAL FRAME AND DOOR
R	REMOVE EXISTING TOILET PARTITIONS. PATCH SLAB AS REQUIRED
S	REMOVE WALL MOUNTED HEATERS, FANS, AND APPURTENANCES
T	REMOVE EXISTING FIXTURES, CAP DRAINAGE AND SUPPLY LINES AT THE SLAB. PREP FOR NEW VCT FLOORING
U	EXISTING WATER VALVE. RELOCATE AS PER MECHANICAL
V	REMOVE HC PARKING SIGNAGE
W	REMOVE BOLLARD AND PIPE RAIL SYSTEM
X	REMOVE WALL CABINETS
Y	REMOVE DOOR FRAME AND MULLION. RETAIN DOORS AND HARDWARE FOR RESUE IN NEW FRAME, SAME LOCATION



**NOTE:**  
 CONTRACTOR TO VERIFY  
 EXISTING UTILITIES. THIS  
 INFORMATION PROVIDED IS  
 UNCONFIRMED

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated hereon are valid on the original drawing only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

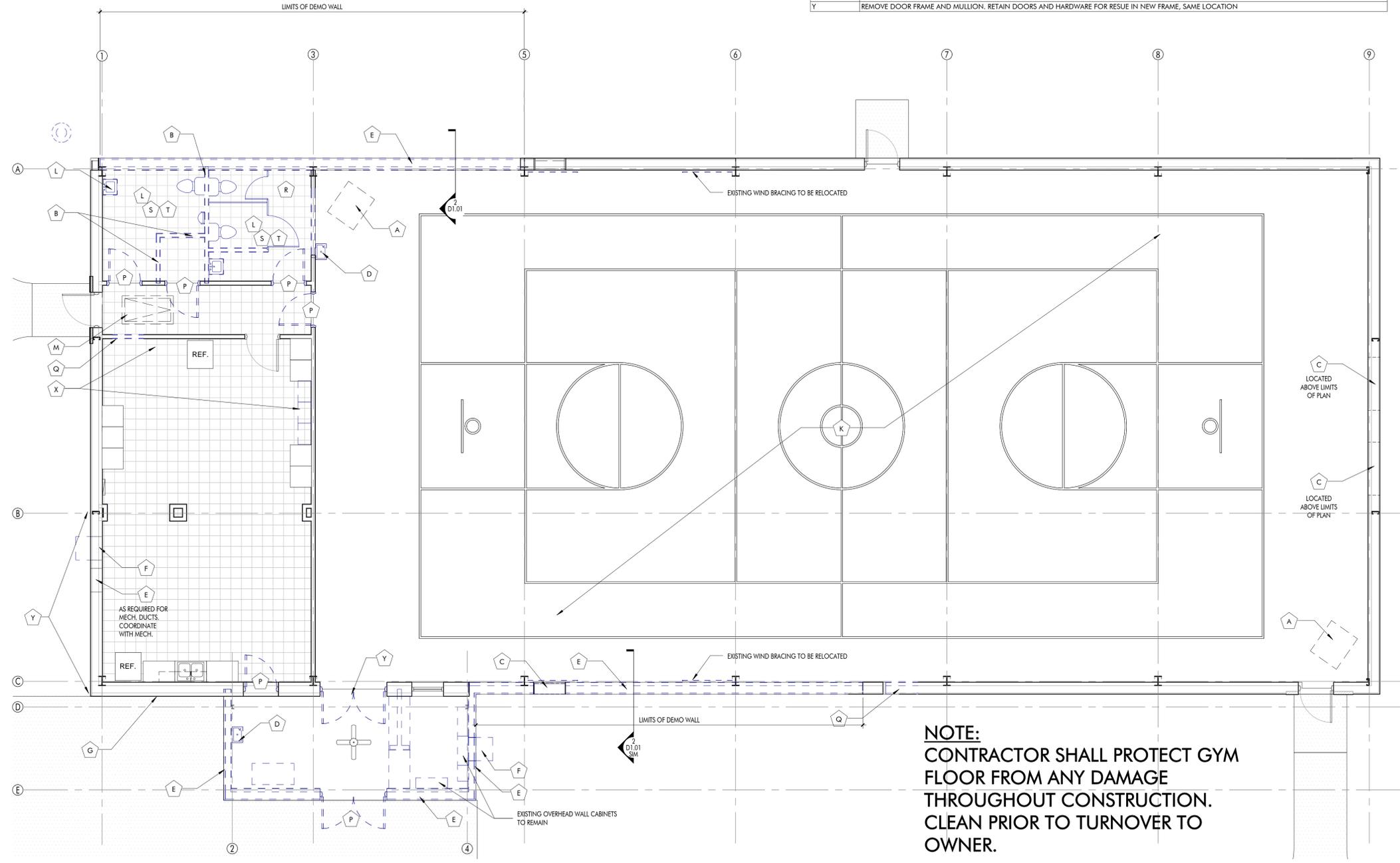
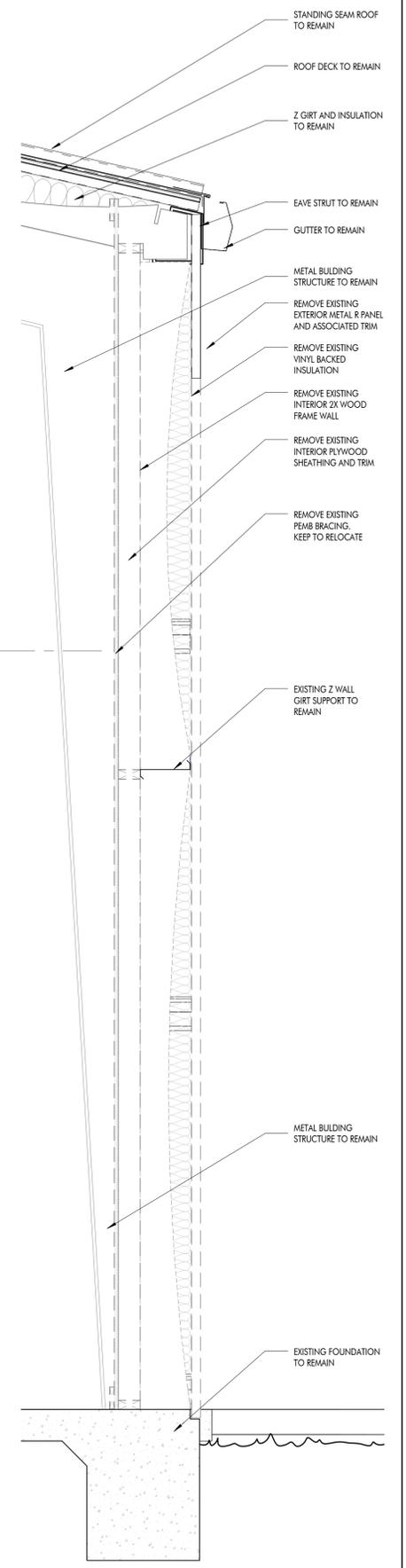
revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

PROJ. # - C15-0016z


date  
**05 AUGUST 2016**

sheet  
**D1.01**

DEMOLITION NOTES	
MARK	DESCRIPTION
A	REMOVE EXISTING GAS FIRED HEATERS, PIPING, AND RELATED APPURTENANCES. INSPECT EXISTING ROOF CONSTRUCTION AND REPAIR ADJACENT CONSTRUCTION AS REQUIRED. REPAIR ROOF AT VTR LOCATION AS INDICATED IN 1/A2.01
B	DEMOLISH INTERIOR WALL PATCH SLAB AS REQUIRED. PREP FOR NEW VCT FLOORING
C	REMOVE EXISTING LOUVER, FRAME AND TRIM. CLEAN ROUGH OPENING AND RESTORE TO CONDITION APPROPRIATE FOR NEW INFILL CONSTRUCTION
D	REMOVE EXISTING WATER COOLER AND SUPPLY AND DRAIN LINES
E	CAREFULLY DEMOLISH EXTERIOR WALL AND APPLIED FINISHES. ALL COMPONENTS SOLELY FOR THE PURPOSE OF SUPPORTING THE EXTERIOR SKIN TO BE REMOVED. ALL METAL BUILDING AND RELATED COMPONENTS, INCLUDING BUT NOT LIMITED TO LATERAL BRACING GIRTS, OR WIND BRACING TO REMAIN UNDAMAGED. FOUNDATION TO REMAIN UNDISTURBED
F	REMOVE EXISTING WALL MOUNTED WINDOW UNIT, CONTROLS. REMOVE WOOD TRIM
G	REMOVE GAS METER. RE: MECH
H	REMOVE EXISTING UTILITY POLES. OVERHEAD SERVICE TO BE RELOCATED. RE: ELECTRICAL
J	OVERHEAD LINE TO REMAIN. RE: ELECTRICAL
K	REMOVE GAS FIRED HEATERS, PIPING, AND RELATED APPURTENANCES. INSPECT EXISTING ROOF CONSTRUCTION AND REPAIR ADJACENT CONSTRUCTION. THE RECREATION CENTER TRUSSES ARE COATED WITH A PAINT THAT CONTAINS LEAD. THE CONTRACTOR SHALL AVOID WORK ACTIVITIES INVOLVING SANDING OF THE PAINT AND DAMAGE TO THE LEAD-CONTAINING PRIMER COAT LAYER. IF THESE WORK ACTIVITIES ARE REQUIRED, THE CONTRACTOR SHALL PROTECT WORKERS AND BUILDING OCCUPANTS, AND PERFORM THESE WORK ACTIVITIES IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. AT THOSE IMMEDIATE LOCATIONS OR AREAS OF WORK ACTIVITY, THE PAINT SHOULD BE REMOVED, LOCALLY, AND HANDLED ACCORDING TO FEDERAL AND STATE REGULATIONS. THIS CAN BE BEST ACCOMPLISHED BY A LIQUID PAINT REMOVER. UNBOLTING CLAMPS, SCREWS OR BOLTS ATTACHED TO THE STRUCTURE MAY RELEASE SMALL QUANTITIES OF PAINT. USE CAREFUL METHODS TO DISTURB THE EXISTING PAINT / PRIMER TO AS SMALL OF A DEGREE AS POSSIBLE, AND CLEAN ALL SURFACES AFFECTED IN ACCORDANCE WITH FEDERAL AND STATE REGULATION
L	REMOVE TOILET ROOM FLOORING. PREP AND CLEAN FOR NEW VCT FLOORING
M	REMOVE WOODEN ATTIC PULL DOWN STAIR. RETAIN OPENING FRAMING. PREP OPENING AS REQUIRED FOR NEW LIGHTWEIGHT METAL STAIR
N	REMOVE EXISTING PAVING TO LIMITS SHOWN, AS REQUIRED FOR ADDITION
P	REMOVE DOOR AND FRAMES
Q	REMOVE WALL ASSEMBLY AS REQUIRED TO MAKE ROUGH OPENING FOR INSTALLATION OF NEW HOLLOW METAL FRAME AND DOOR
R	REMOVE EXISTING TOILET PARTITIONS. PATCH SLAB AS REQUIRED
S	REMOVE WALL MOUNTED HEATERS, FANS, AND APPURTENANCES
T	REMOVE EXISTING FIXTURES. CAP DRAINAGE AND SUPPLY LINES AT THE SLAB. PREP FOR NEW VCT FLOORING
U	EXISTING WATER VALVE. RELOCATE AS PER MECHANICAL
V	REMOVE HC PARKING SIGNAGE
W	REMOVE BOLLARD AND PIPE RAIL SYSTEM
X	REMOVE WALL CABINETS
Y	REMOVE DOOR FRAME AND MULLION. RETAIN DOORS AND HARDWARE FOR RESUE IN NEW FRAME, SAME LOCATION



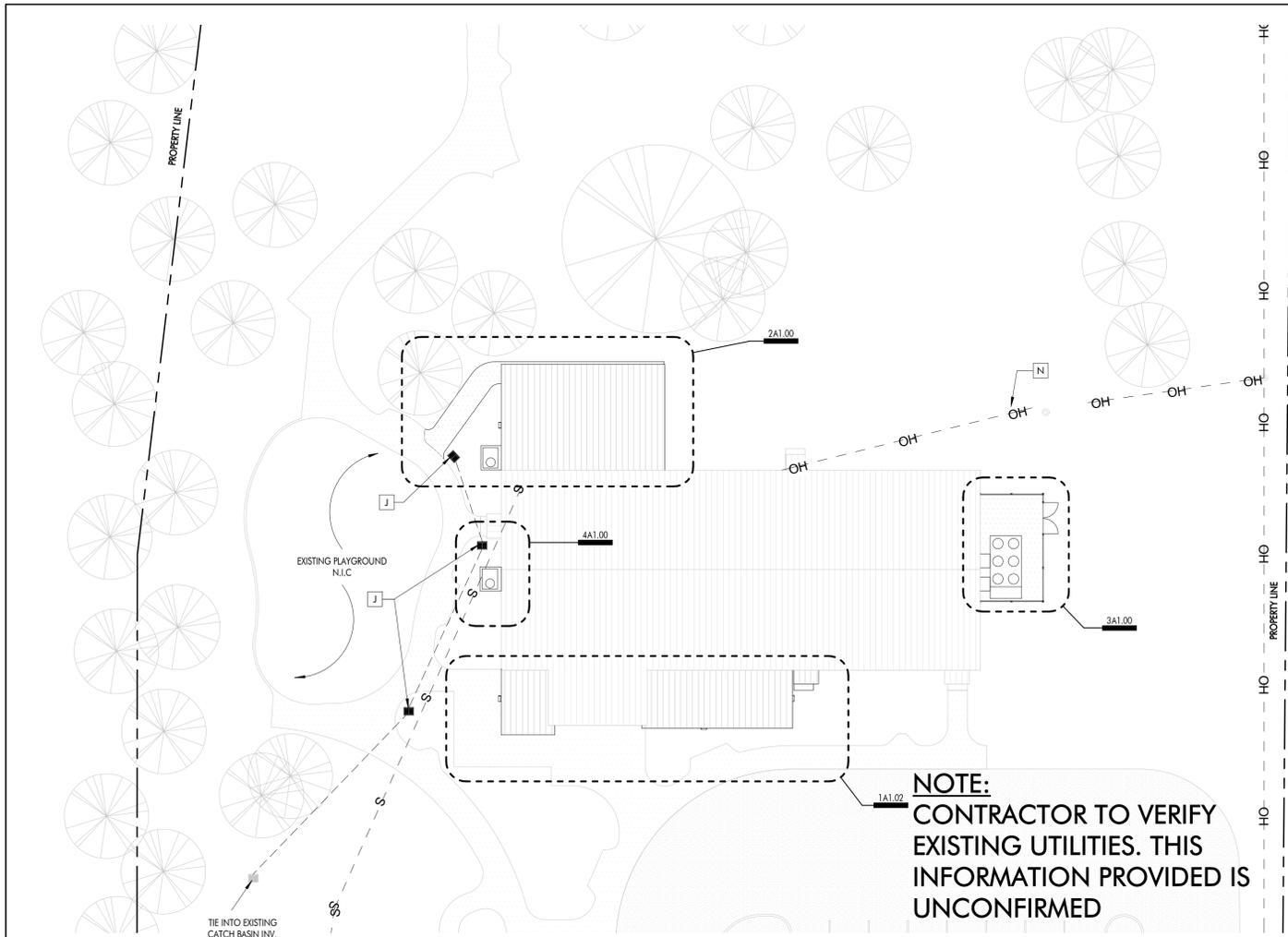
**NOTE:**  
CONTRACTOR SHALL PROTECT GYM FLOOR FROM ANY DAMAGE THROUGHOUT CONSTRUCTION. CLEAN PRIOR TO TURNOVER TO OWNER.

2 ADDENDUM 3

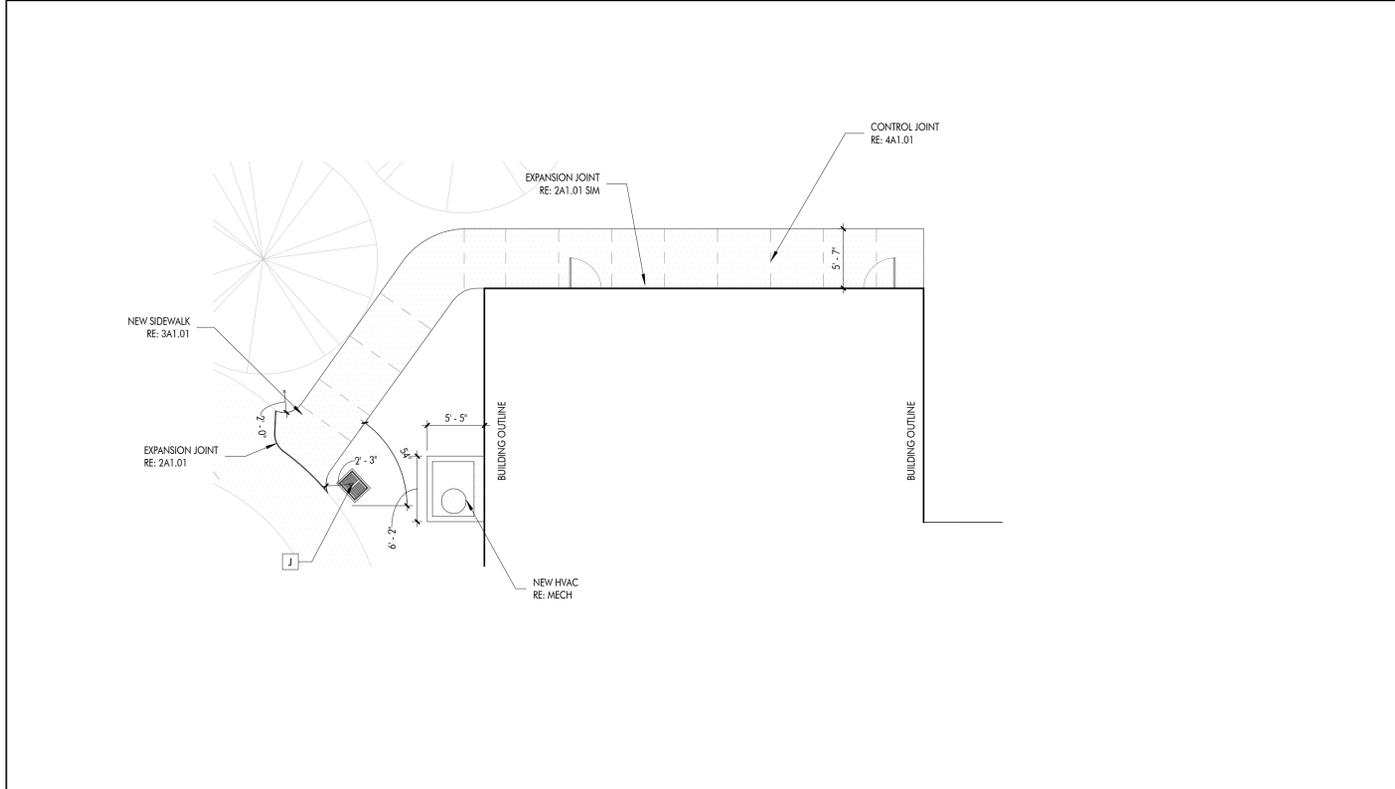
05 AUGUST 2016

**1 DEMO FLOOR PLAN**  
3/16" = 1'-0"

**2 DEMO WALL SECTION**  
1" = 1'-0"

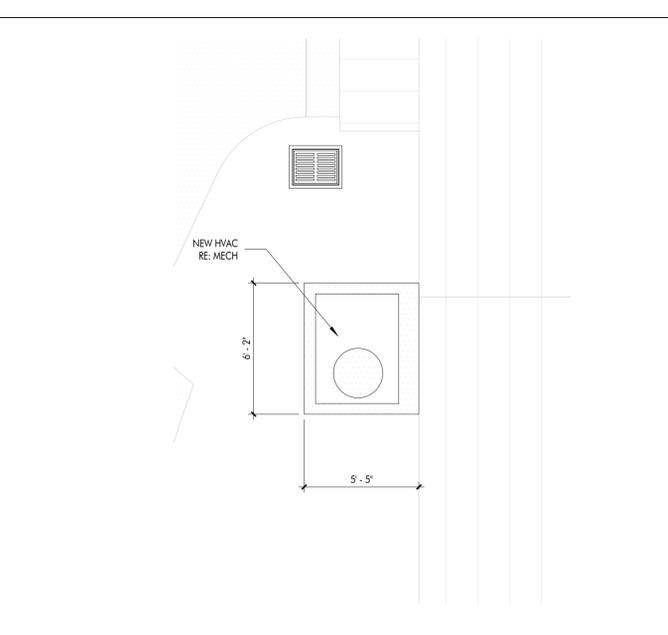


**1** SITE PLAN  
1" = 20'-0"

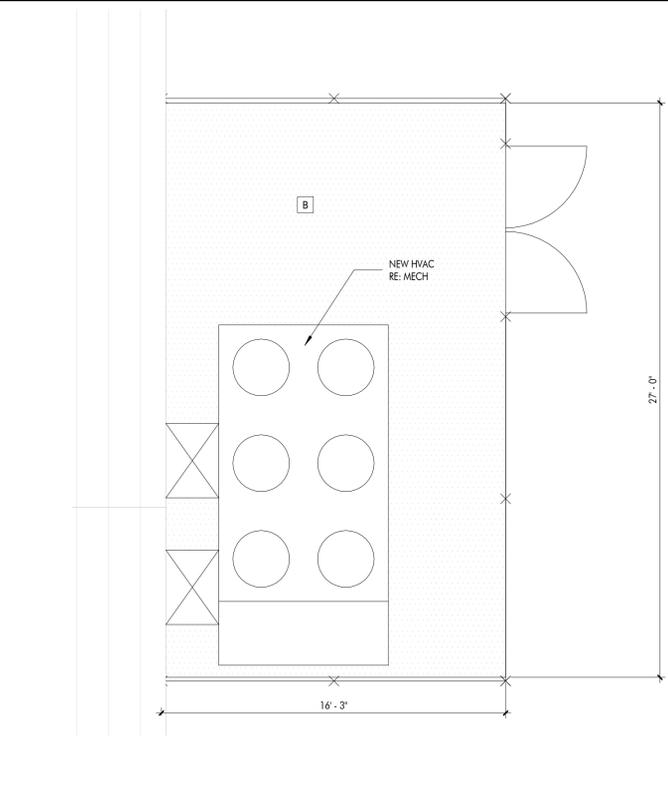


**2** ENLARGED SITE PLAN  
1/8" = 1'-0"

CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL



**4** ENLARGED SITE PLAN  
1/4" = 1'-0"



**3** ENLARGED SITE PLAN  
1/4" = 1'-0"

**GENERAL SITE NOTES**

- TREES, STUMPS, ROOTS AND OTHER VEGETATIVE OBSTRUCTIONS NOT DESIGNATED TO REMAIN, SHALL BE CLEARED AND GRUBBED. MATERIAL AND DEBRIS SHALL BE REMOVED FROM THE PROPERTY AND RIGHT-OF-WAY, AND DISPOSED OF, BY THE CONTRACTOR.
  - CONTRACTOR TO VERIFY LOCATION OF SITE UTILITIES.
  - TEMPORARY EROSION CONTROL FEATURES SHALL BE INSPECTED AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER.
- SILT FENCING SHALL BE WIRE-SUPPORTED OR SELF-SUPPORTED SYSTEMS. WIRE-SUPPORTED SILT FENCING SHALL CONSIST OF STANDARD WOVEN LIVESTOCK WIRE, A MINIMUM OF 36 INCHES IN HEIGHT WITH A MAXIMUM WIRE SPACING OF 6 INCHES. POSTS SHALL BE EITHER WOOD OR STEEL, INSTALLED A MINIMUM OF 2 FEET IN THE GROUND. FILTER MATERIAL SHALL BE BURLAP WEIGHING APPROXIMATELY 7-1/2 OUNCES PER SQUARE YARD, APPROVED LITE FABRIC OR APPROVED GEOTEXTILE FABRIC. SELF-SUPPORTED SILT FENCING SHALL CONSIST OF AN APPROVED GEOTEXTILE FABRIC SUITABLY ATTACHED TO POSTS OF EITHER WOOD OR STEEL.
- SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THE DEPOSITS REACH ONE-HALF THE HEIGHT OF THE SILT FENCE. IF THE FABRIC ON THE SILT FENCE DECOMPOSES OR BECOMES INEFFECTIVE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- HAY OR STRAW BALES SHALL BE RECTANGULAR BALES. THE AVERAGE LENGTH OF BALES SHALL BE 34 INCHES MINIMUM. THE BALES SHALL BE BURIED AS NECESSARY TO PREVENT SCOUR UNDER THE BALES. A MINIMUM OF 2 STAKES SHALL BE DRIVEN THROUGH EACH BALE.
- CONTRACTOR IS REQUIRED TO SUBMIT ANY SWPP AS REQUIRED TO AUTHORITIES HAVING JURISDICTION.
  - CONTRACTOR SHALL ADHERE TO ALL LOCAL NOISE ORDINANCES DURING THE DURATION OF CONSTRUCTION.

**SIDEWALK NOTES**

- EXCAVATION SHALL BE MADE TO REQUIRED DEPTH AND WIDTH. THE TOP OF THE SUBGRADE SHALL BE SHAPED AND COMPACTED TO A FIRM, EVEN SURFACE. UNSUITABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- A MINIMUM OF 4 INCH CUSHION SAND SHALL BE USED BENEATH CONCRETE SIDEWALKS AND SHALL BE COMPACTED TO AT LEAST 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY.
- CONCRETE SHALL BE PLACED ON THE SUBGRADE, STRUCK OFF TO THE REQUIRED THICKNESS AND TAMPED SUFFICIENTLY TO BRING THE MORTAR TO THE SURFACE. THE SURFACE SHALL BE FINISHED WITH A WOOD FLOAT OR STEEL TROWEL, FOLLOWED BY BRUSHING TO A SLIGHTLY ROUGH FINISH PERPENDICULAR TO THE DIRECTION OF FOOT TRAFFIC. JOINTS AND EDGES SHALL BE ROUNDED WITH AN EDGING TOOL, HAVING A 1/4 INCH RADIUS. THE SURFACE SHALL NOT VARY MORE THAN 1/8 INCH UNDER A 10-FOOT METAL STATIC STRAIGHT EDGE.
- WELDED STEEL WIRE FABRIC SHALL CONFORM TO ASTM A 185
- WEAKENED PLANES (CONTRACTION JOINTS) SHALL BE FORMED BY SAW CUTS. CONTRACTION JOINTS SHALL EXTEND INTO THE CONCRETE FOR AT LEAST 1/4 OF THE DEPTH AND SHALL BE APPROXIMATELY 1/8 INCH WIDE. SPACING OF WEAKENED PLANES FOR SIDEWALKS SHALL BE EQUAL TO THE WIDTH OF THE SIDEWALK.
- DURING HOT AND DRY PERIODS, SAW CUTTING SHOULD OCCUR WITHIN 4 TO 12 HOURS OF PLACEMENT. DURING COOL AND MOIST PERIODS, SAW-CUTTING SHOULD OCCUR WITHIN 24 HOURS OF CONCRETE PLACEMENT. EXPANSION JOINTS SHALL BE FILLED WITH 1/2 INCH THICK PREFORMED EXPANSION JOINT FILLER. EXPANSION JOINTS SHALL BE INSTALLED AT MAXIMUM 40-FOOT INTERVALS AND BETWEEN INTERSECTION PAVING AND ANY FIXED STRUCTURE SUCH AS BUILDINGS OR CURBING. EXPANSION JOINT MATERIAL SHALL EXTEND FOR THE FULL WIDTH AND DEPTH OF PAVING. EXPANSION JOINTS SHALL BE BITUMINOUS PREFORMED ENCASED BETWEEN TWO LAYERS OF BITUMINOUS IMPREGNATED FELT. SL-1 SEALANT SHALL BE USED AT EXPANSION JOINTS.
- PORTLAND CEMENT CONCRETE SHALL REQUIRE AN APPROVED MIX DESIGN SUBMITTED TO THE ARCHITECT AND SHALL PRODUCE CONCRETE OF SUITABLE WORKABILITY AS WELL AS AN AVERAGE COMPRESSIVE STRENGTH NOT LESS THAN 3,500 PSI AT 28-DAYS.
- 3 TEST CYLINDERS SHALL BE MADE PER 50 CY OF CONCRETE PLACED AND TESTED BY AN INDEPENDENT LICENSED LAB. TEST RESULTS TO BE DELIVERED TO THE ARCHITECT. THE TOTAL AMOUNT OF WATER IN THE MIXTURE, INCLUDING ADMIXTURES AND FREE WATER, SHALL NOT EXCEED THE MAXIMUM WATER-CEMENT RATIO OF 0.53. INTERNAL TEMPERATURE OF THE PLASTIC CONCRETE SHALL NOT EXCEED 95° F AT THE TIME OF PLACEMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND TESTING INITIAL MIX OF DESIGN FOR EACH MIX TYPE USED.
- CONCRETE SHALL NOT BE PLACED IF THE U.S. WEATHER SERVICE FORECASTS THE TEMPERATURE TO BE LESS THAN 35° F WITHIN THE 24-HOUR PERIOD FOLLOWING PLACEMENT. CONCRETE DAMAGED BY FROST ACTION SHALL BE REMOVED AND REPLACED.
- IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENTED CURING COMPOUND. CONCRETE SHALL NOT BE LEFT EXPOSED FOR MORE THAN 1/2 HOUR PRIOR TO APPLYING THE CURING COMPOUND. CURING SHALL BE MAINTAINED CONTINUOUSLY FOR 72 HOURS. CURING COMPOUND SHALL BE APPLIED UNDER PRESSURE BY MECHANICAL SPRAYERS AT THE RATE RECOMMENDED BY THE MANUFACTURER, BUT IN NO CASE LESS THAN 1 GALLON PER 150 SQUARE FEET OF SURFACE AREA. SHOULD THE FILM BECOME DAMAGED WITHIN THE CURING PERIOD, THE DAMAGED PORTIONS SHALL BE IMMEDIATELY REPAIRED WITH ADDITIONAL COMPOUND.
- PRIOR TO BEGINNING DAILY CONCRETE OPERATIONS, THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE, SUFFICIENT POLYETHYLENE SHEETING MATERIAL TO PROPERLY PROTECT THE LAST 1-HOURS OPERATION AGAINST THE EFFECTS OF RAIN.
- THE INTENT IS FOR THE CONTRACTOR TO CONSTRUCT CONCRETE PAVEMENT FREE OF LONGITUDINAL, TRANSVERSE, AND DIAGONAL CRACKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL LONGITUDINAL, TRANSVERSE, AND DIAGONAL CRACKING THAT MAY OCCUR. ALL LONGITUDINAL, TRANSVERSE, AND DIAGONAL CRACKS SHALL BE REPAIRED WITH A FULL DEPTH PATCH BETWEEN REQUIRED CONTRACTION JOINTS. SPALLS IN THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REPAIR IN THE PATCH AREA SHALL BE REPAIRED BY EXTENDING THE REMOVAL LIMITS TO INCLUDE THE SPALLED AREAS. CONCRETE USED FOR PANEL REPLACEMENT REPAIR SHALL BE THE SAME TYPE USED THROUGHOUT THE PROJECT.



www.domain-dsgn.com  
8316 kelwood avenue  
baton rouge, la 70806  
225.216.3770 ph  
225.216.3771 fax



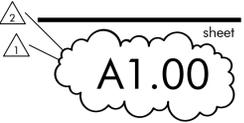
These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**  
 3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
 4609 FAIRFIELD STREET  
 METAIRIE, LA 70006

revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**



CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

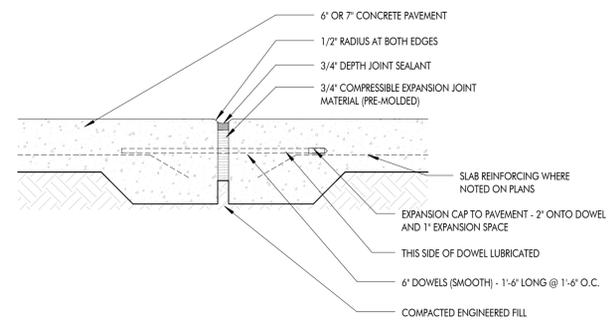
PROJ. # - C15-0016z

revisions	date

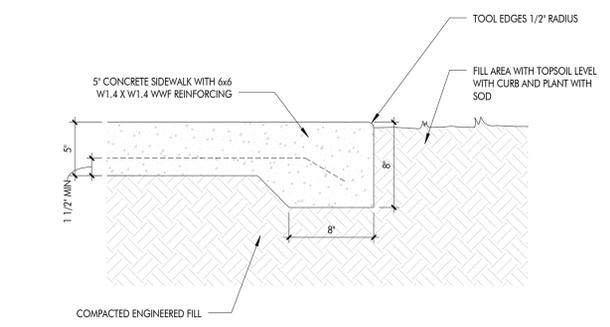
05 AUGUST 2016

sheet

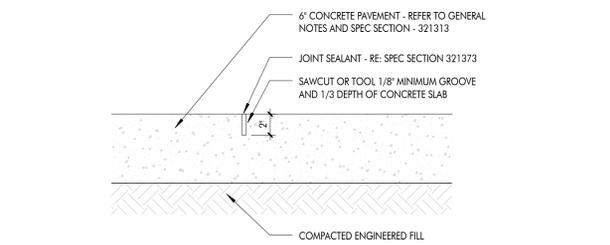
A1.01



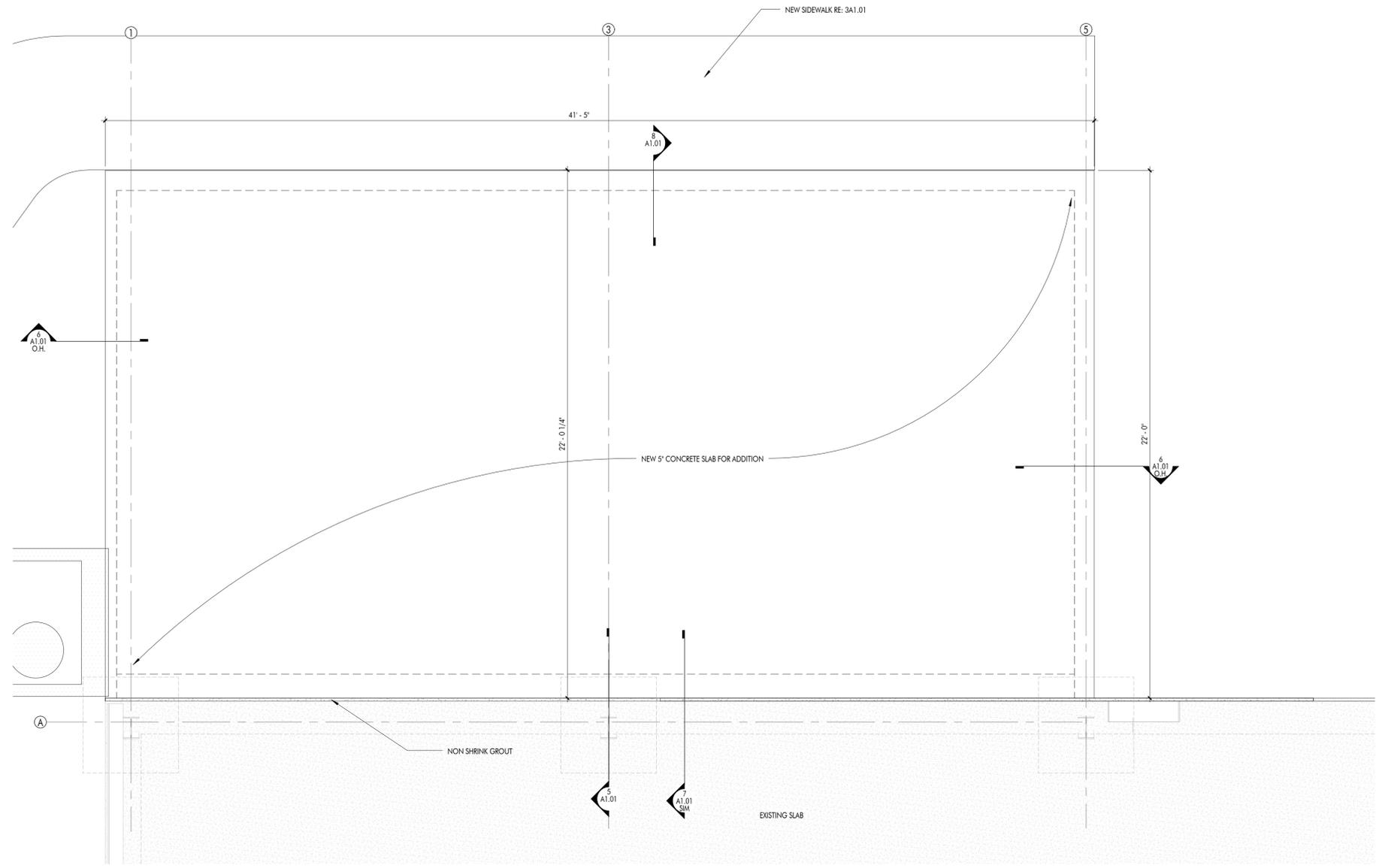
**2** EXPANSION JOINT  
1 1/2" = 1'-0"



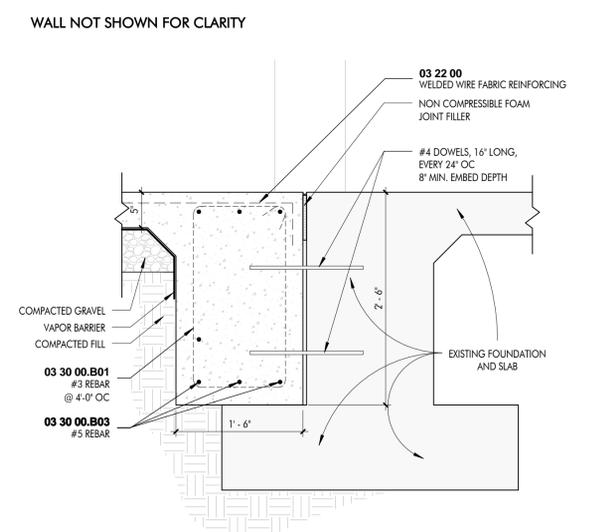
**3** NEW SIDEWALK  
1 1/2" = 1'-0"



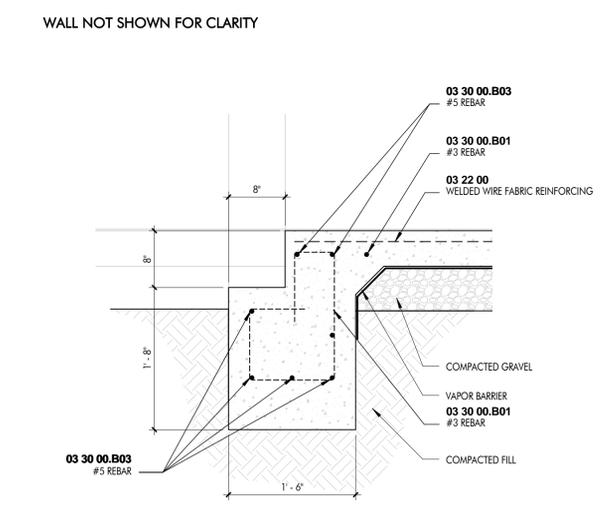
**4** CONTROL JOINT  
1 1/2" = 1'-0"



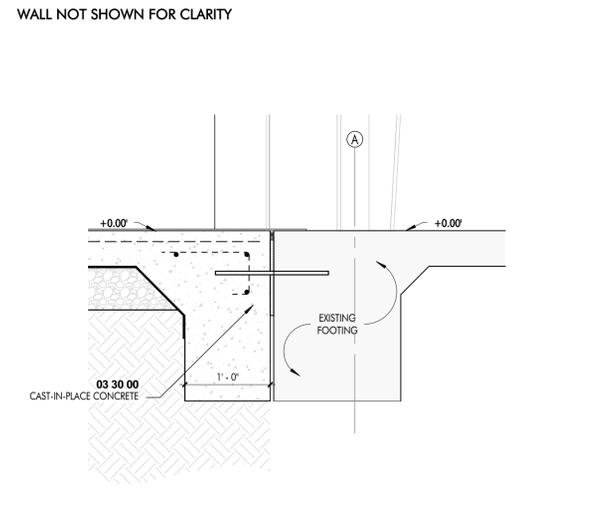
**1** FOUNDATION PLAN  
3/8" = 1'-0"



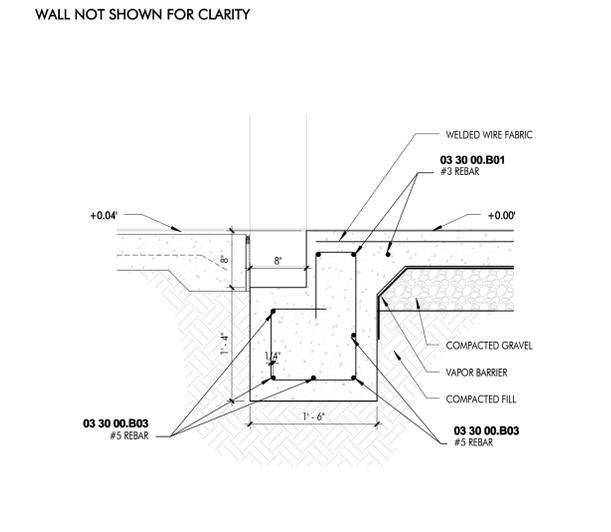
**5** FOUNDATION DETAIL  
1" = 1'-0"



**6** FOUNDATION DETAIL  
1" = 1'-0"



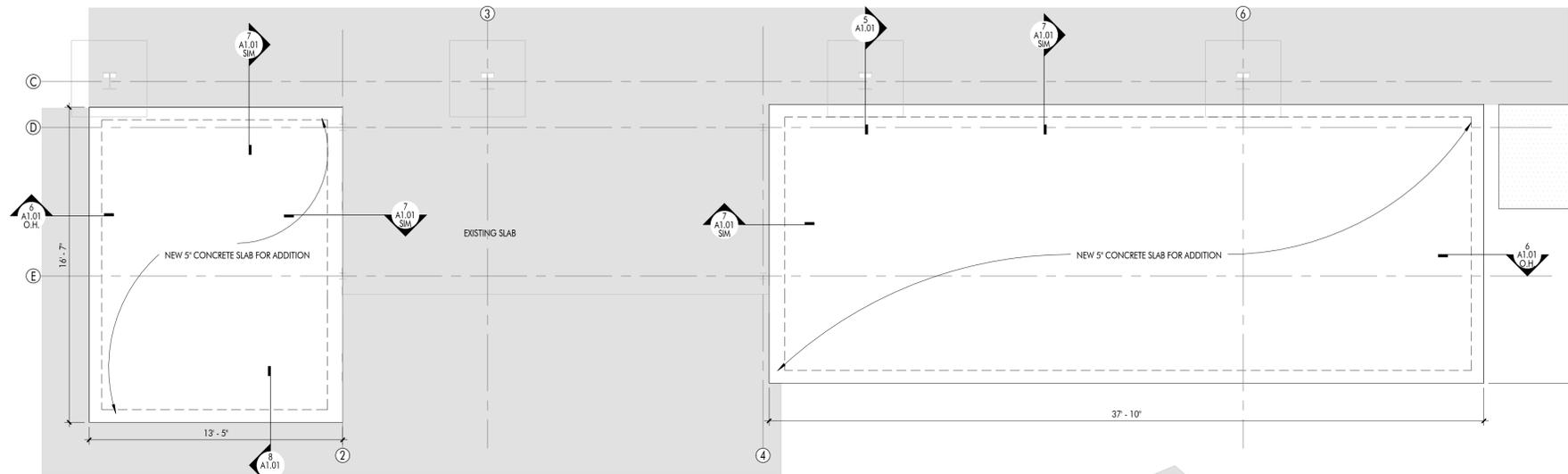
**7** FOUNDATION DETAIL  
1" = 1'-0"



**8** FOUNDATION DETAIL  
1" = 1'-0"

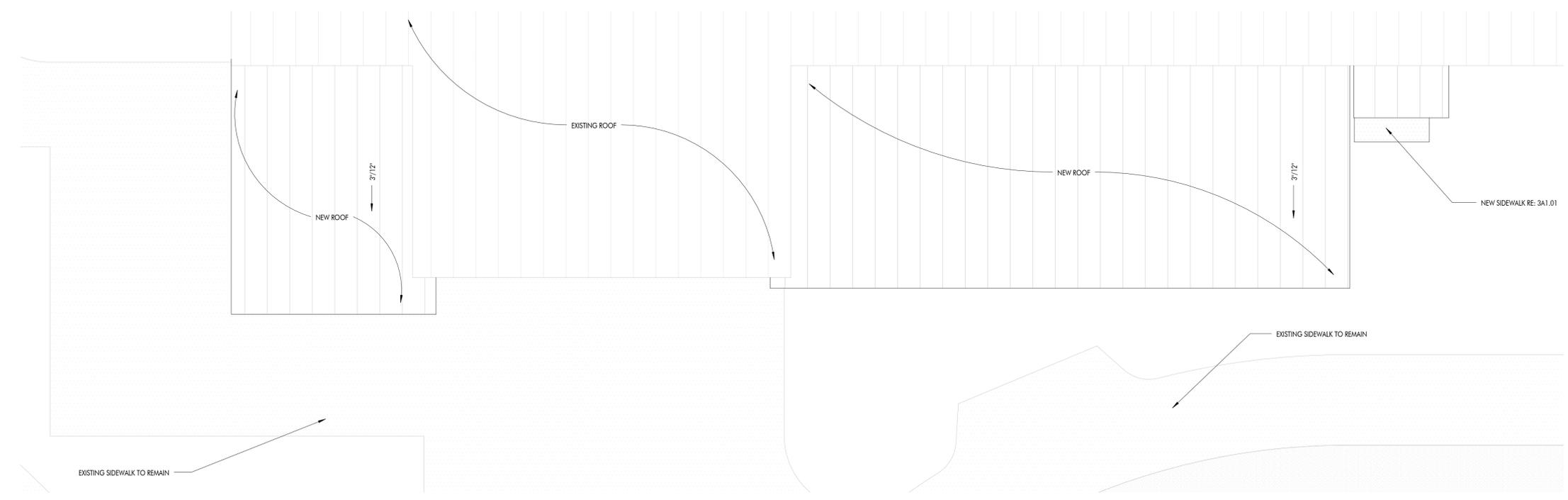
2 ADDENDUM 3

05 AUGUST 2016



CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

**2** FOUNDATION PLAN  
1/4" = 1'-0"



**1** ENLARGED SITE PLAN  
1/4" = 1'-0"

**DOMAIN** ARCHITECTURE APAC  
domain design • noland & wrong  
www.domain-dsgn.com  
8516 kelwood avenue  
baton rouge, la 70806  
225.216.3770 ph  
225.216.3771 fax

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

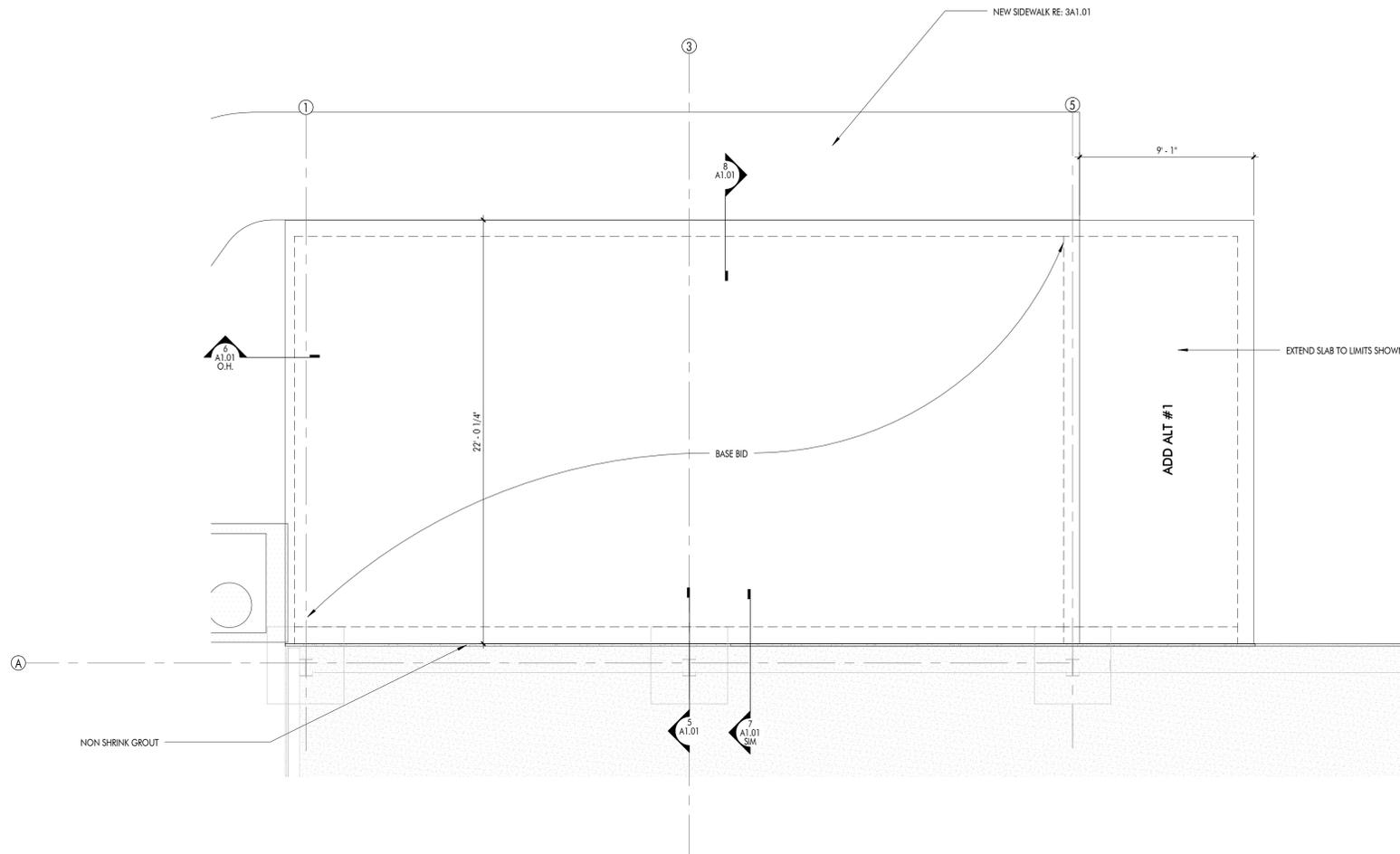
3210 CHURCH STREET, ZACHARY, LA 70791

Civil Engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

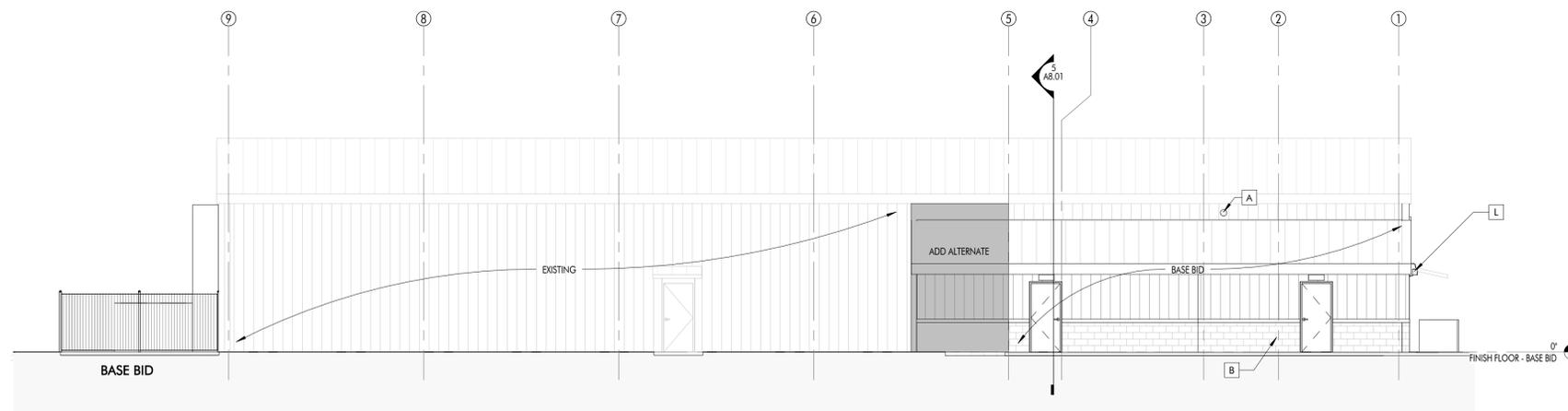
revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**

sheet  
**A1.02**



**1** FOUNDATION PLAN ADD ALT #1  
1/4" = 1'-0"



**2** NORTH ELEVATION ADD ALTERNATE #1  
1/8" = 1'-0"

CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

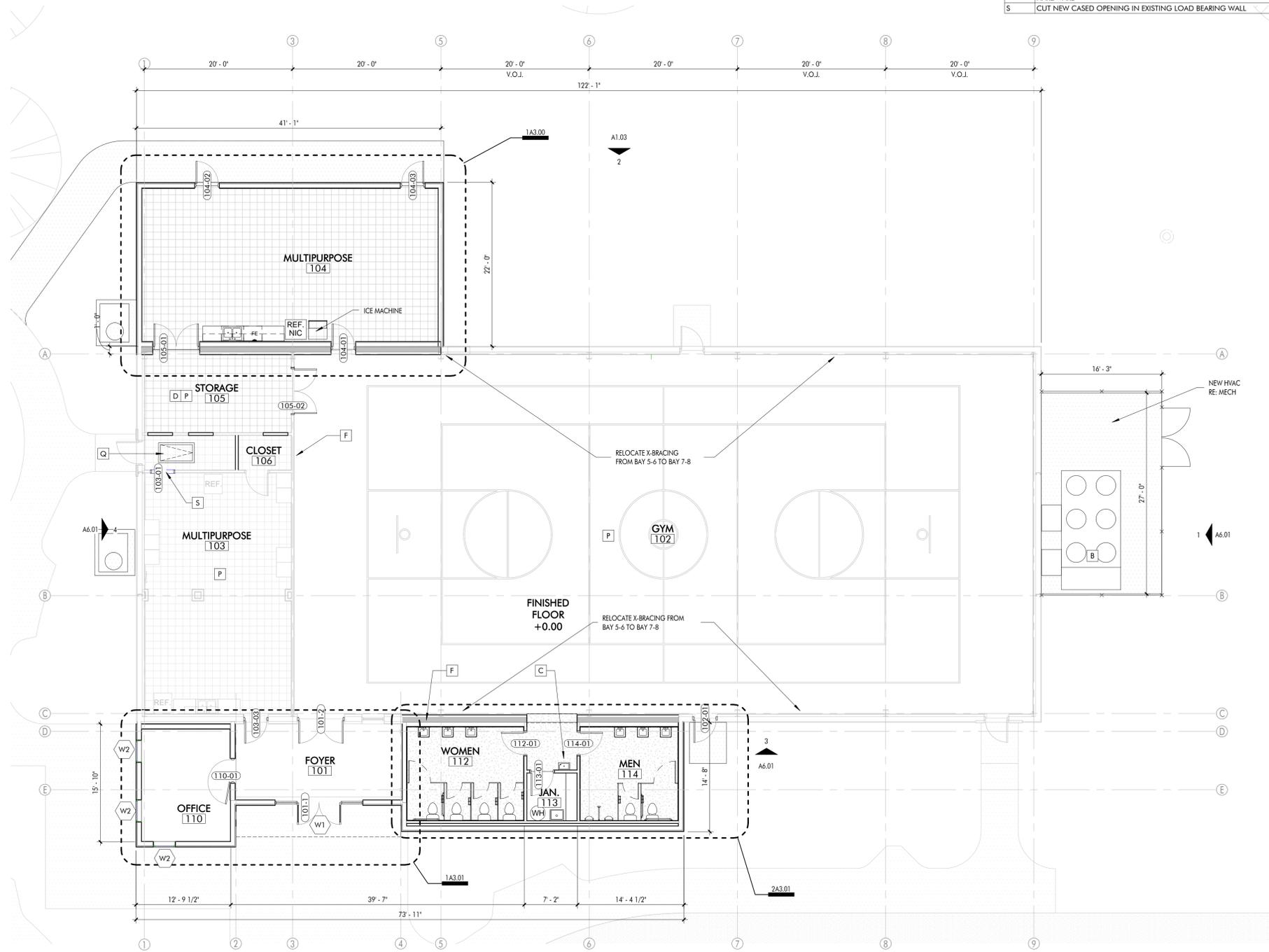
revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

sheet  
**A1.03**

CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

FLOOR PLAN LEGEND	
	ELEVATION DATUM HEIGHT DESIGNATION
	DOOR DESIGNATION TAG
	FINISH / MATERIAL DESIGNATION TAG
	REVISION DESIGNATION TAG
	WINDOW DESIGNATION TAG
	WALL DESIGNATION TAG
<b>ROOM NAME</b>	
	ROOM DESIGNATION TAG
	DETAIL DESIGNATION TAG
	INTERIOR ELEVATION DESIGNATION TAG
	EXTERIOR ELEVATION DESIGNATION TAG
	BUILDING / WALL / DETAIL SECTION DESIGNATION TAG



CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

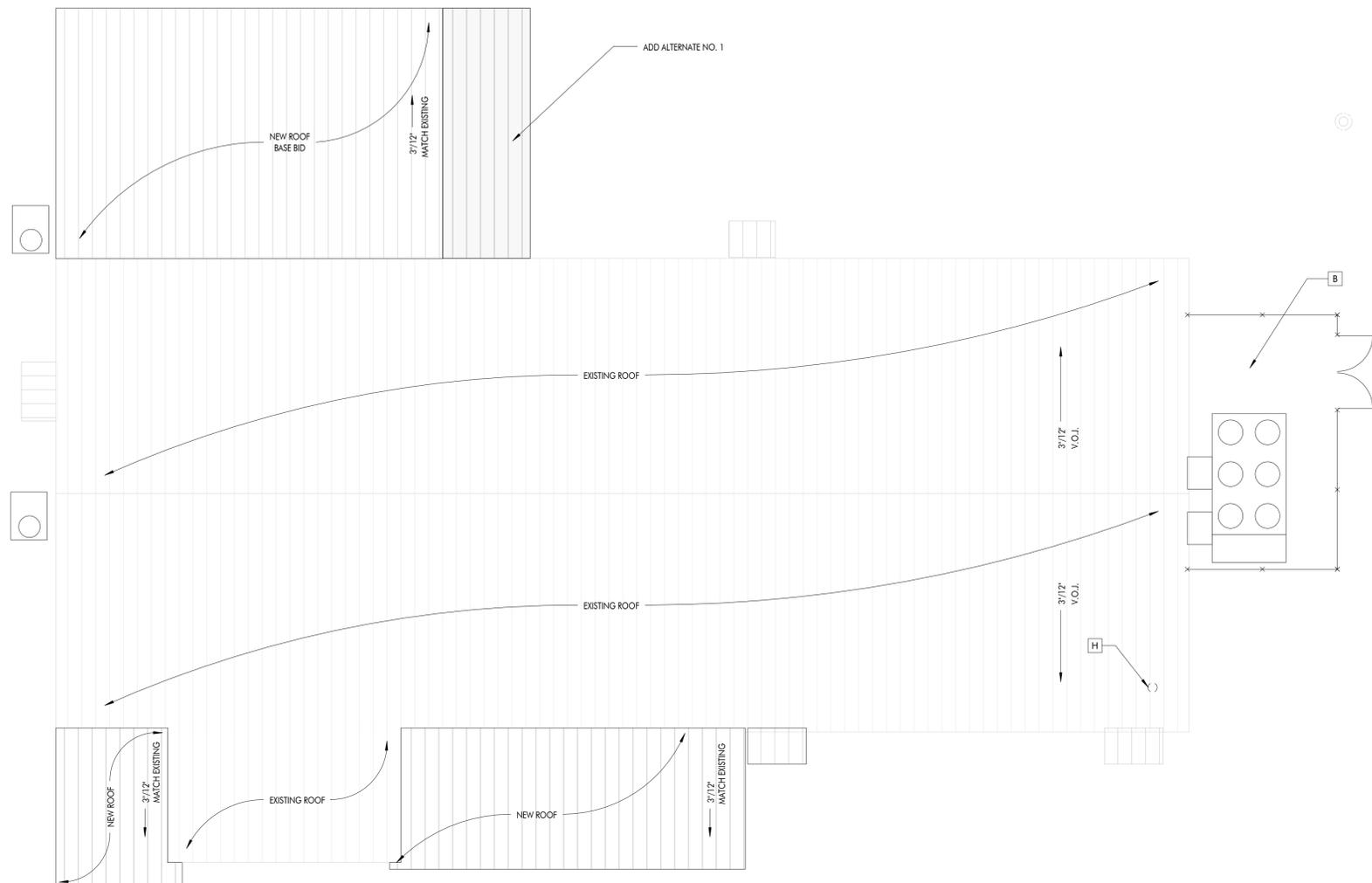
civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

PROJ. #. C15-0016z


date  
05 AUGUST 2016

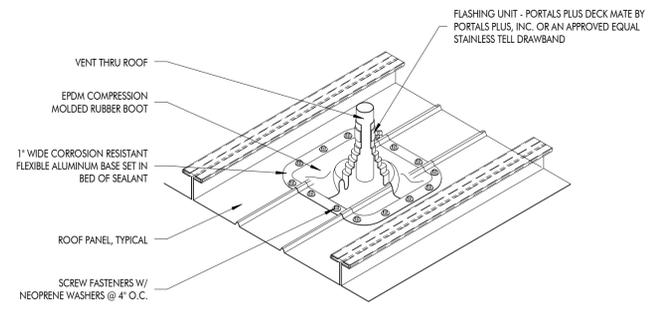
sheet  
**A2.00**



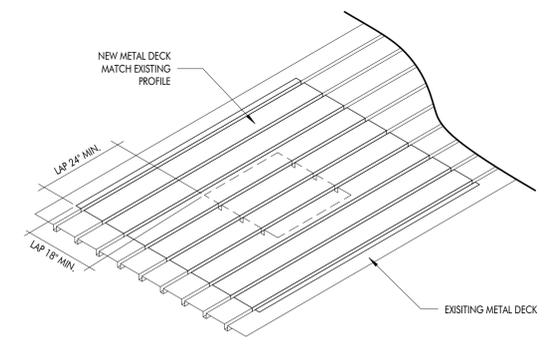
CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

NOT USED

**2** ROOF - CORNER CAP  
3/8" = 1'-0"



**3** METAL - VENT THRU ROOF - SA  
1" = 1'-0"



**4** ROOF PATCH DETAIL  
1/2" = 1'-0"

**1** ROOF  
1/8" = 1'-0"

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated hereon are valid on the original drawing only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

PROJ. # - C15-0016z  
date  
05 AUGUST 2016

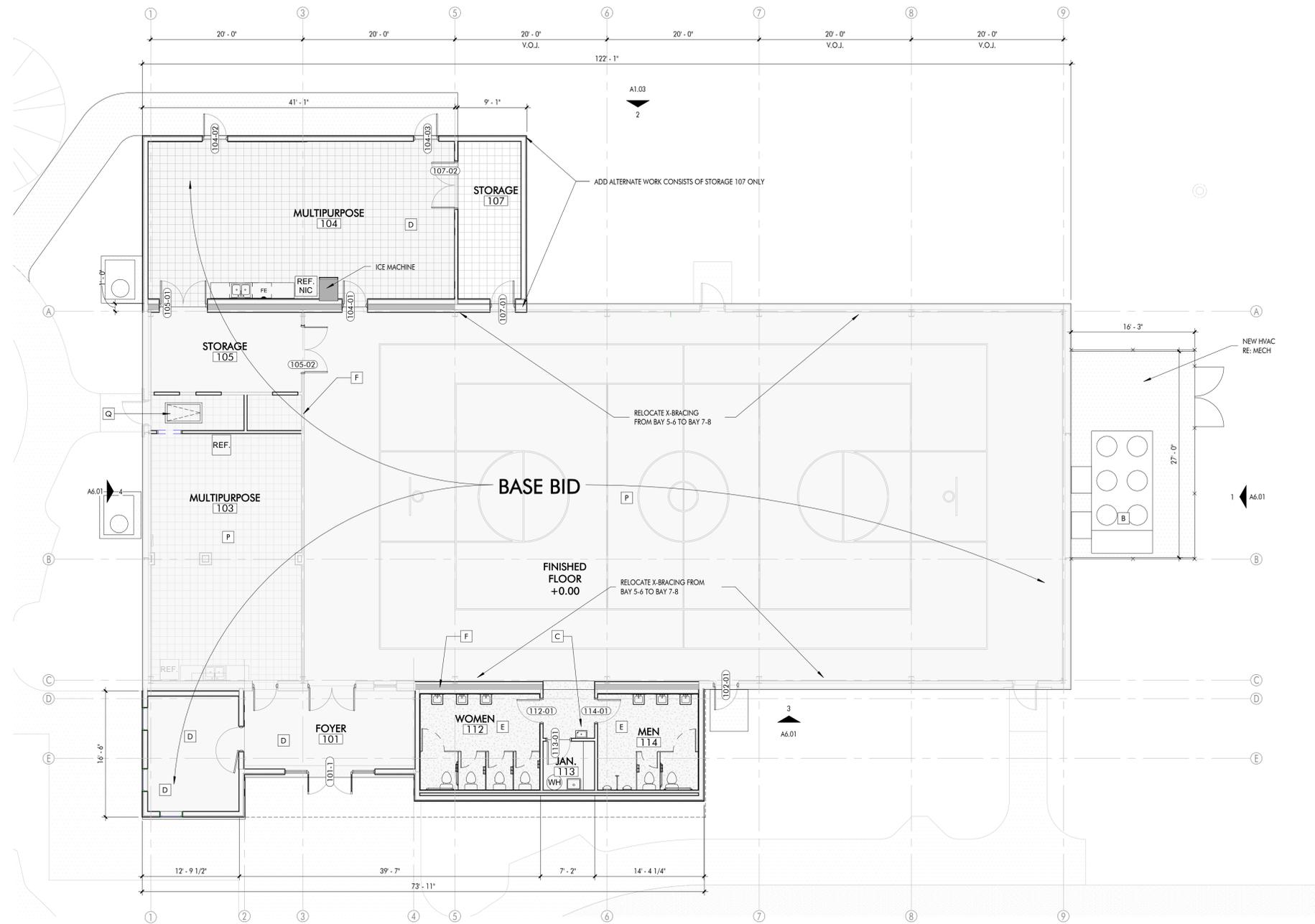
sheet  
**A2.01**

DOOR SCHEDULE ADD ALT #1																
ROOM NAME	DOOR NUMBER	DOOR TYPE	FIRE RATING	WIDTH	HEIGHT	DOOR			DOOR NUMBER	FRAME		DETAILS		DOOR NUMBER	REMARKS	
						THICKNESS	MATERIAL	FINISH		MATERIAL	FINISH	HEAD	JAMB	THRESHOLD		
STORAGE	107-01	A1	90	3'-0"	7'-0"	2"	SC WOOD	PAINTED	107-01	HOLLOW METAL	PAINTED	3A4.01	6A4.01	9A4.01	107-01	
STORAGE	107-02	B1		6'-0"	7'-0"	2"	SC WOOD	PAINTED	107-02	HOLLOW METAL	PAINTED	5A4.01	8A4.01	---	107-02	

CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVERED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASD OPENING IN EXISTING LOAD BEARING WALL

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated hereon are valid on the original drawing only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



2 ADDENDUM 3

05 AUGUST 2016

**1** FLOOR PLAN - ADD ALTERNATE #1  
1/8" = 1'-0"

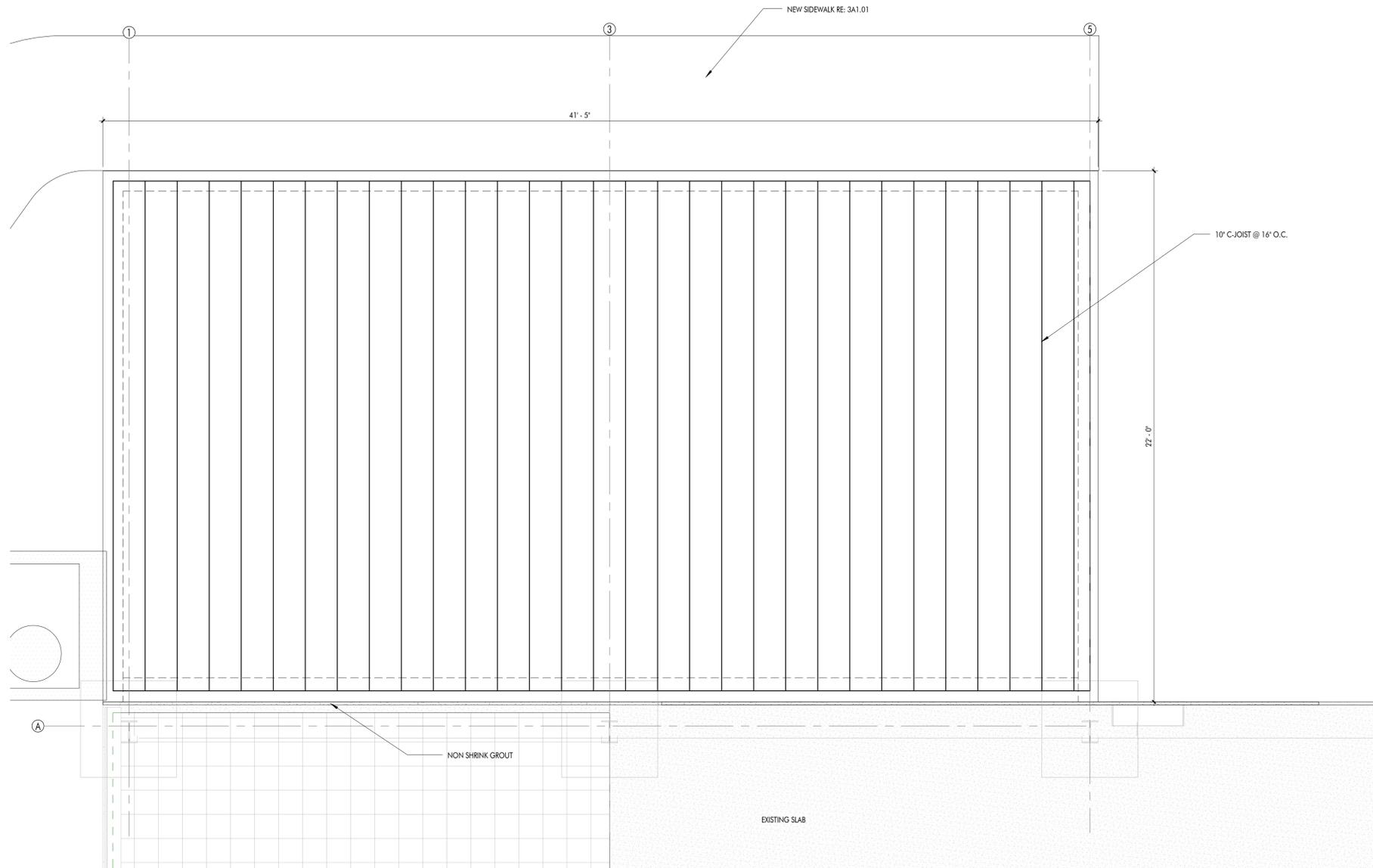
RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**  
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

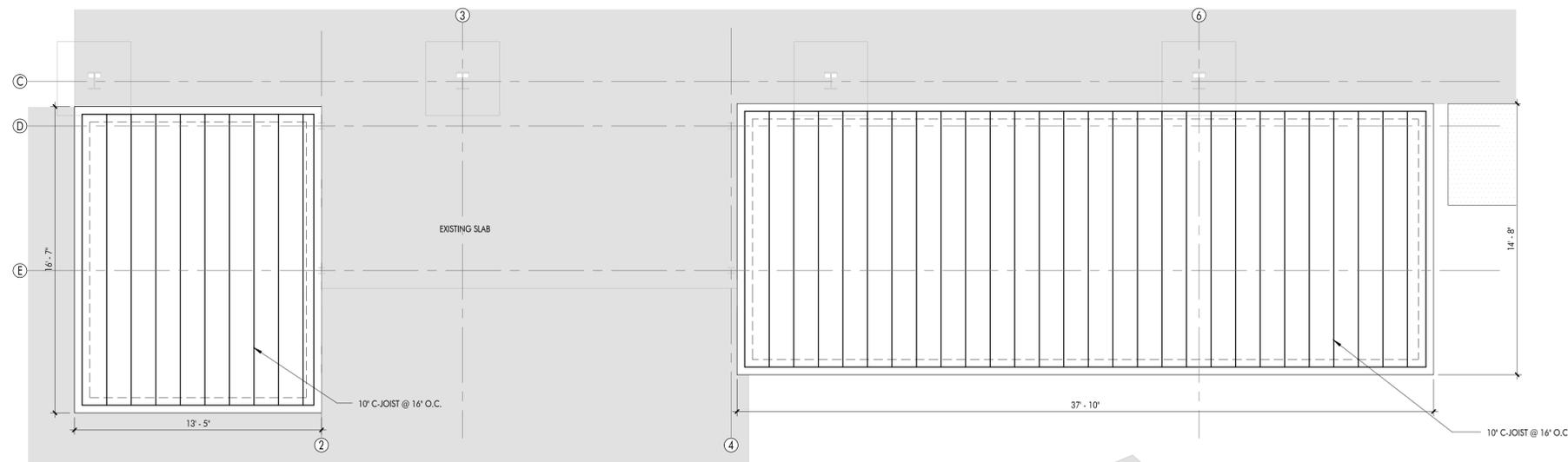
revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

sheet  
**A2.02**



**1** FRAMING PLAN  
3/8" = 1'-0"



**2** FRAMING PLAN  
1/4" = 1'-0"



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET**  
**RECREATION CENTER**  
3210 CHURCH STREET, ZACHARY, LA 70791

structural engineer:  
CONSULTANT NAME  
ADDRESS  
ADDRESS

mechanical / plumbing engineer:  
CONSULTANT NAME  
ADDRESS  
ADDRESS

electrical engineer:  
CONSULTANT NAME  
ADDRESS  
ADDRESS

civil engineer:  
CONSULTANT NAME  
ADDRESS  
ADDRESS

PROJ. # . C15-0016z

No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

sheet  
**A2.05**

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
SB #1672 CHURCH STREET RECREATION CENTER

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

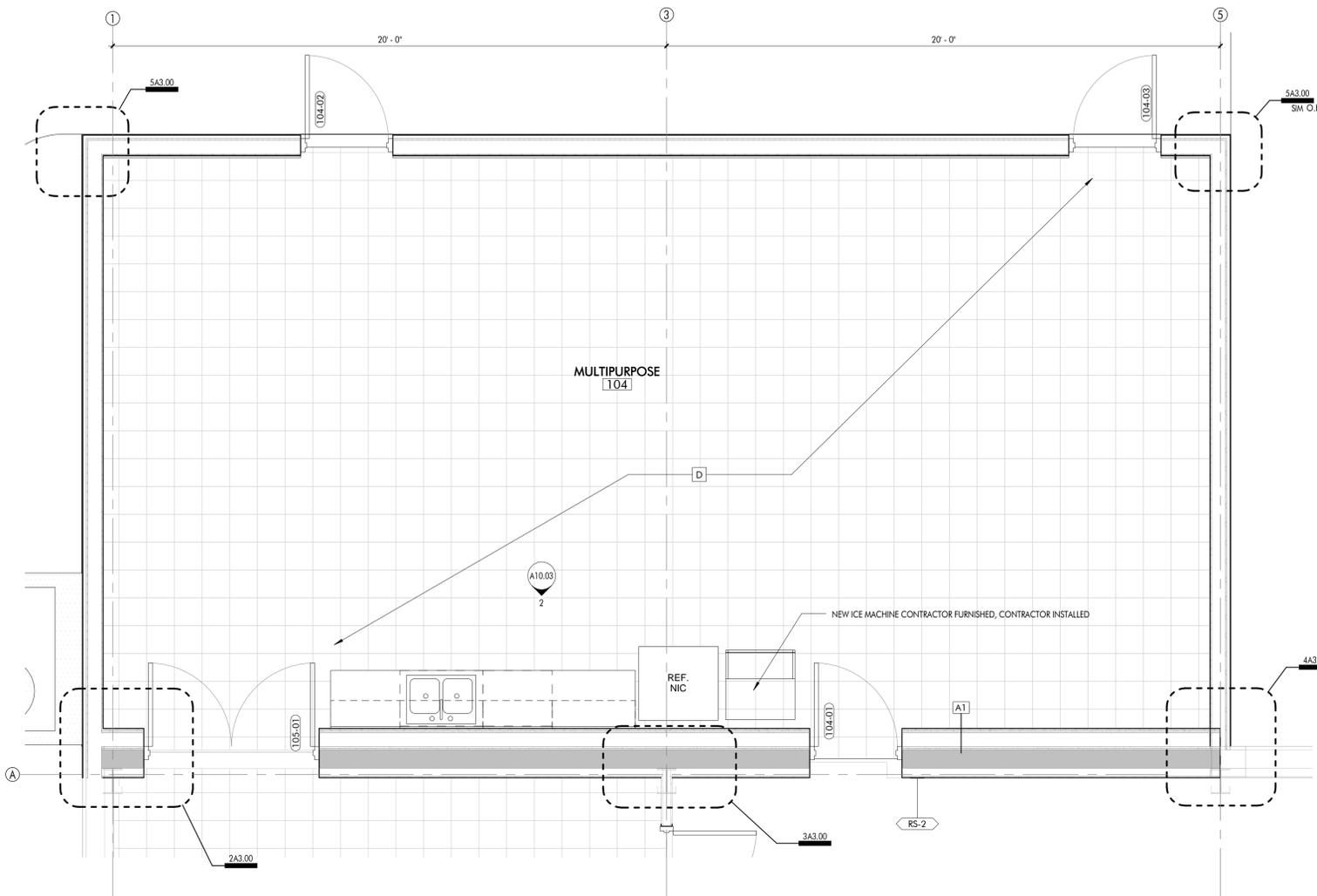
No.	Description	Date
2	ADDENDUM 3	8/5/2016

revisions	
No.	Date

date  
05 AUGUST 2016

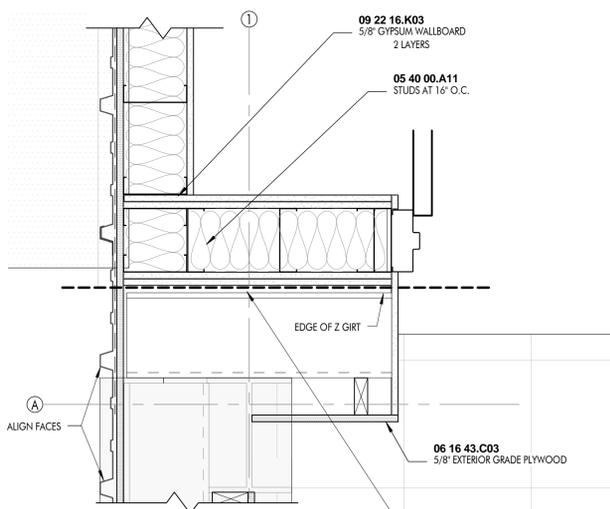
sheet  
A3.00

CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING, REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

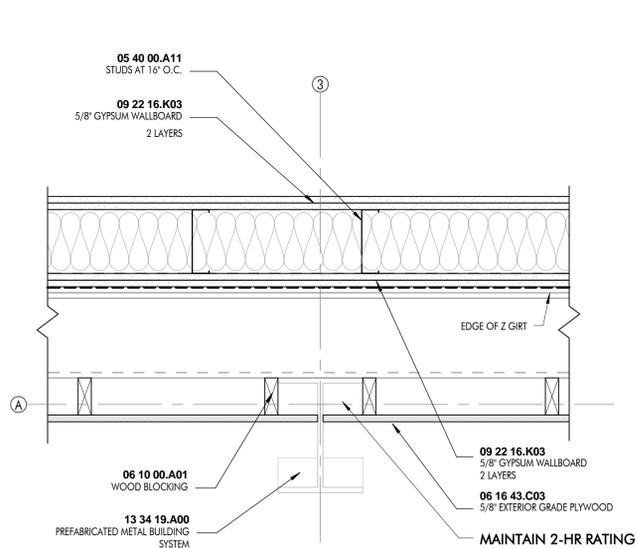


**NOTE:**  
MAINTAIN 1/2" SPACING BETWEEN EDGE OF EXISTING Z GIRT AND CONCEALED FACE OF NEW WALL.

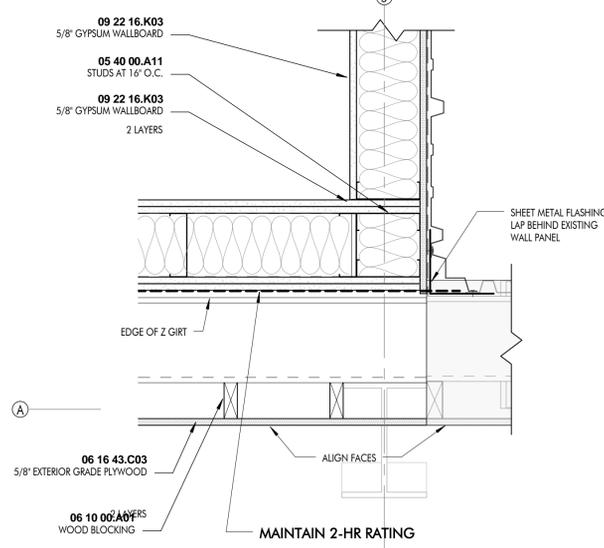
**1** ENLARGED FLOOR PLAN - MULTIPURPOSE  
3/8" = 1'-0"



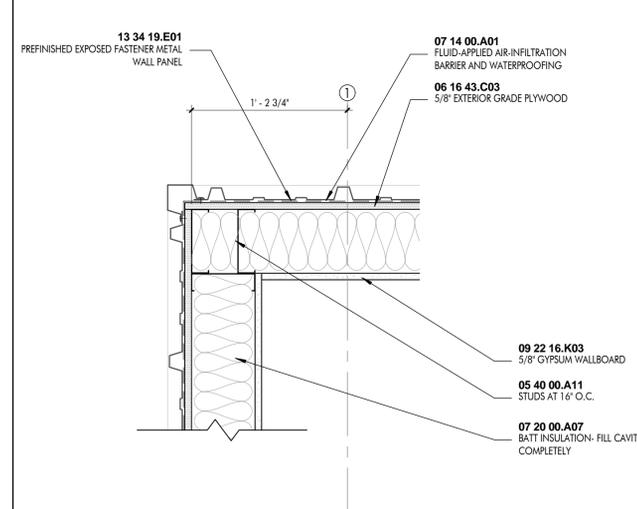
**2** PLAN DETAIL  
1 1/2" = 1'-0"



**3** PLAN DETAIL  
1 1/2" = 1'-0"



**4** PLAN DETAIL  
1 1/2" = 1'-0"



**5** PLAN DETAIL  
1 1/2" = 1'-0"

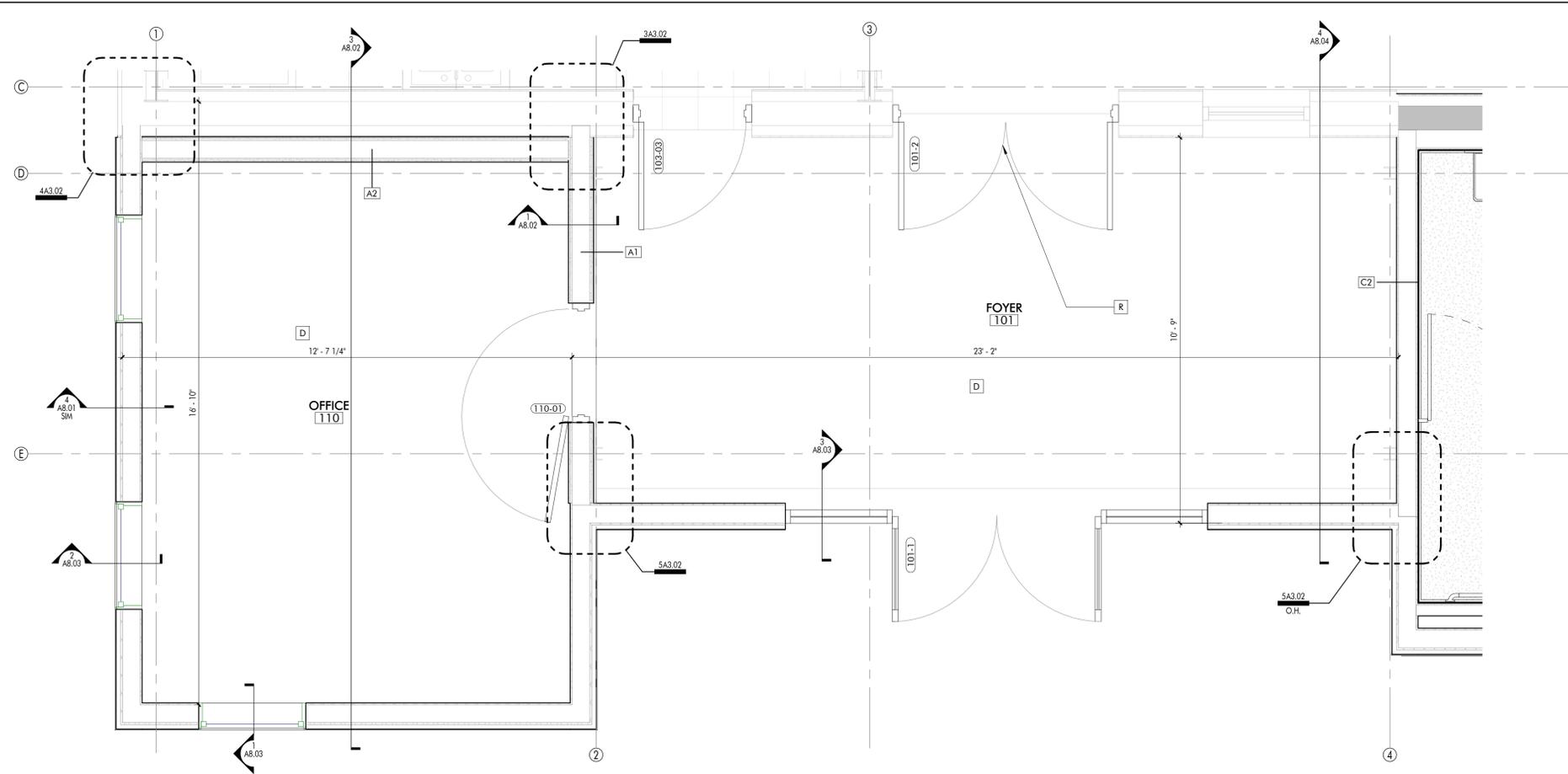
CD SET  
50% NOT FOR  
CONSTRUCTION

These drawings are the property of  
DOMAIN ARCHITECTURE APAC and are not to be  
reproduced in whole or in part. They are only to be used  
for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only.  
Contractor shall carefully review all dimensions and  
conditions shown and report to the architect any errors,  
inconsistencies, or omissions discovered.

These plans were prepared in this office under our  
personal supervision, and to the best of our knowledge  
comply with state and local codes. We will generally  
administer construction.

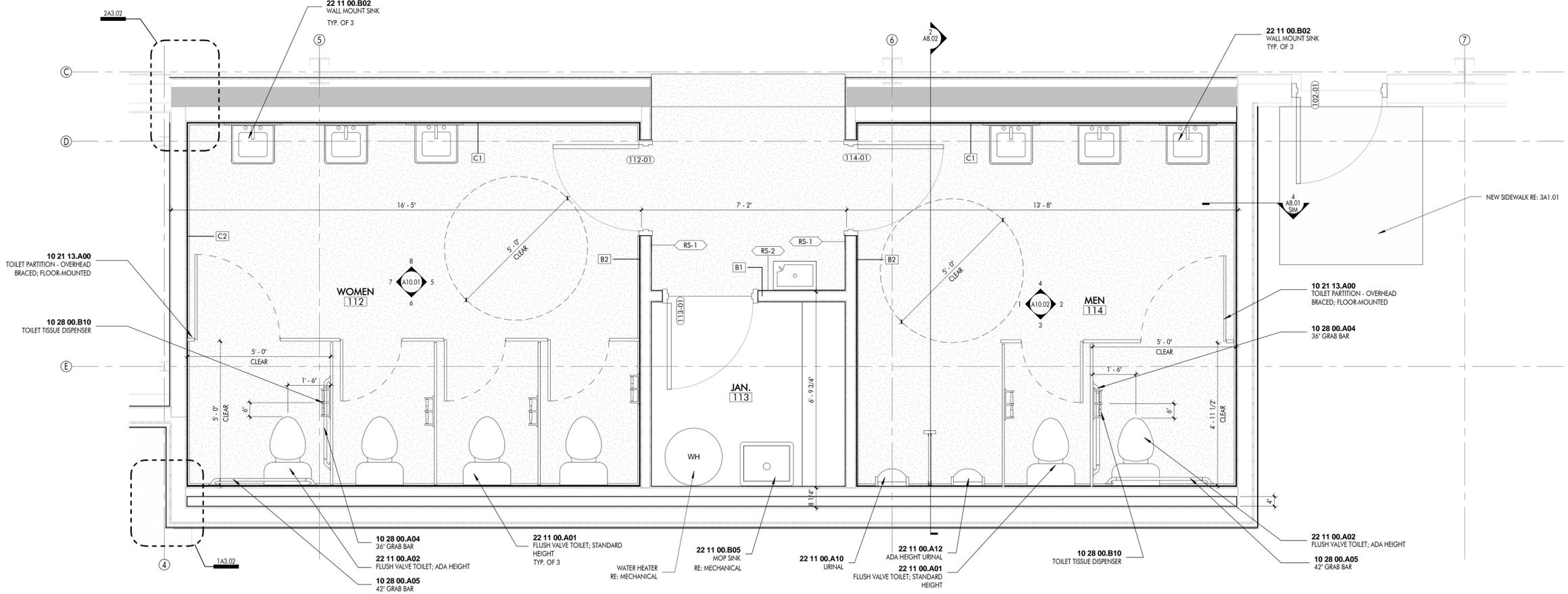
CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6' TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVERED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL



**1** FINISH FLOOR - FOYER / OFFICE  
1/2" = 1'-0"

TYP. OF 4

2 ADDENDUM 3



**2** FINISH FLOOR - TOILET ROOMS  
1/2" = 1'-0"

RENOVATIONS  
SB #1672 CHURCH STREET RECREATION  
CENTER

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

No.	Description	Date
2	ADDENDUM 3	8/5/2016

05 AUGUST 2016

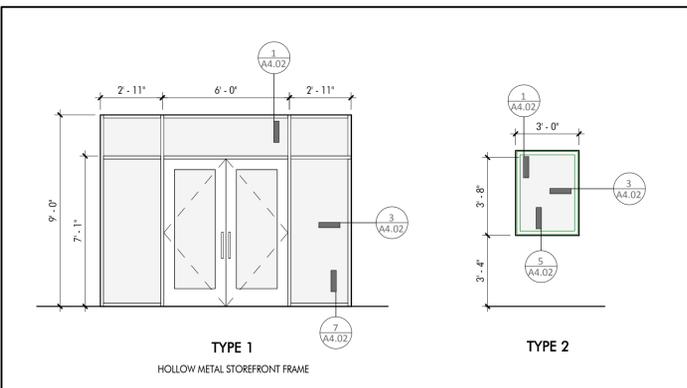
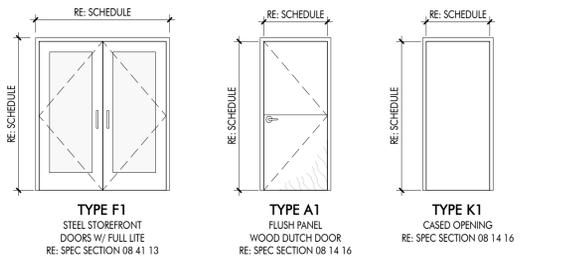
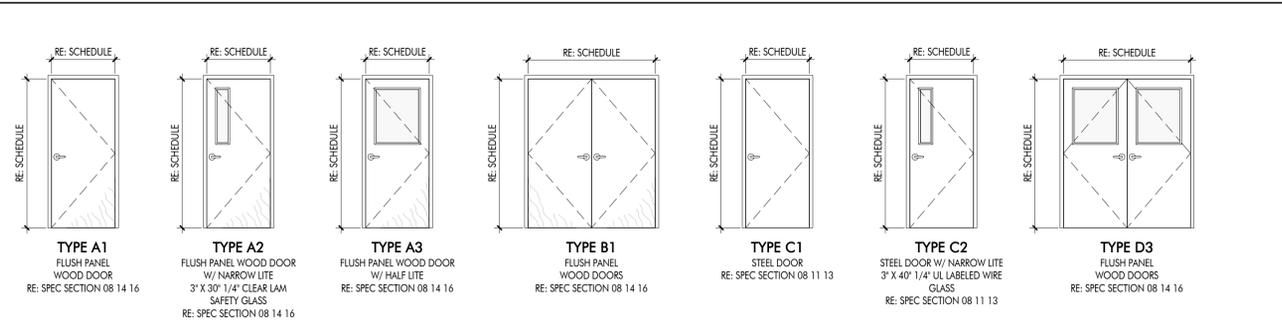
PROJ. # - C15-0016z  
sheet  
**A3.01**

05 AUGUST 2016



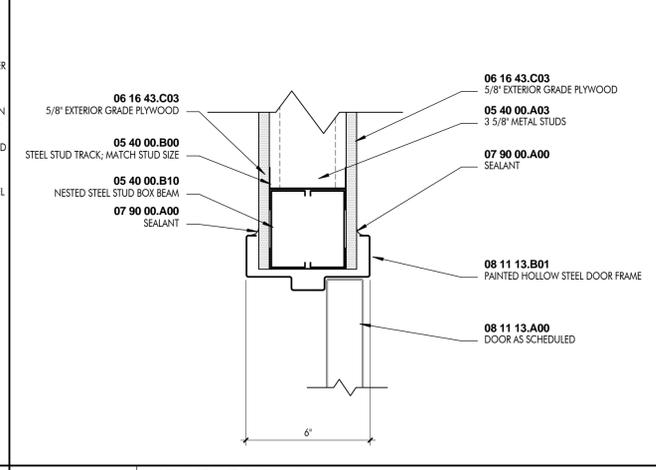
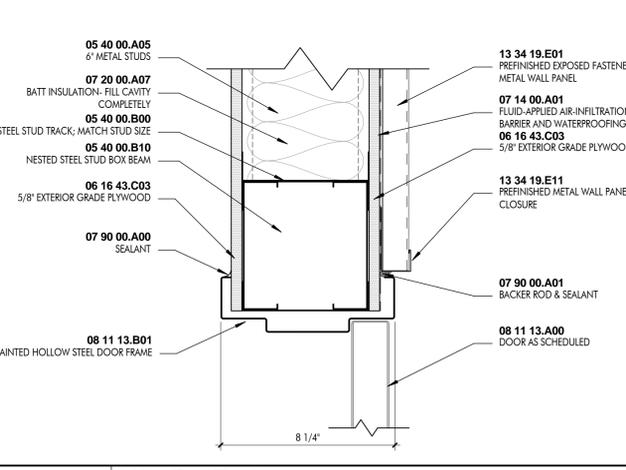
DOOR SCHEDULE																
ROOM NAME	DOOR NUMBER	DOOR TYPE	FIRE RATING	WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	FINISH	DOOR NUMBER	DOOR MATERIAL	FINISH	HEAD	JAMB	THRESHOLD	DOOR NUMBER	REMARKS
FOYER	101-1	F1	0	5' - 10"	6' - 11"	2"	STEEL	PAINTED	101-1	HOLLOW METAL	PAINTED	1A4.02	2A4.02	5A4.02	101-1	REUSE EXISTING DOOR & HARDWARE
FOYER	101-2	D3	0	6' - 0"	7' - 0"	2"	EXISTING	EXISTING	101-2	HOLLOW METAL	PAINTED	9A4.02	10A4.02	9A4.01	101-2	
GYM	102-01	C1		3' - 0"	7' - 0"	2"	STEEL	PAINTED	102-01	HOLLOW METAL	PAINTED	4A4.01	7A4.01	10A4.01	102-01	CASED OPENING
MULTIPURPOSE	103-01	---		3' - 0"	7' - 0"	2"	---	---	103-01	HOLLOW METAL	PAINTED	2A4.02	4A4.02	8A4.02	103-01	
MULTIPURPOSE	103-03	A2		3' - 0"	7' - 0"	2"	SC WOOD	PAINTED	103-03	HOLLOW METAL	PAINTED	9A4.02	10A4.02	---	103-03	
MULTIPURPOSE	104-01	A1	90	3' - 0"	7' - 0"	2"	SC WOOD	PAINTED	104-01	HOLLOW METAL	PAINTED	3A4.01	6A4.01	10A4.01	104-01	
MULTIPURPOSE	104-02	C1		3' - 0"	7' - 0"	2"	STEEL	PAINTED	104-02	HOLLOW METAL	PAINTED	4A4.01	7A4.01	10A4.01	104-02	
MULTIPURPOSE	104-03	C1		3' - 0"	7' - 0"	2"	STEEL	PAINTED	104-03	HOLLOW METAL	PAINTED	4A4.01	7A4.01	10A4.01	104-03	
STORAGE	105-01	B1	90	6' - 0"	7' - 0"	2"	STEEL	PAINTED	105-01	HOLLOW METAL	PAINTED	3A4.01	6A4.01	11A4.01	105-01	
STORAGE	105-02	B1		6' - 0"	7' - 0"	2"	SC WOOD	PAINTED	105-02	HOLLOW METAL	PAINTED	5A4.01	8A4.01	11A4.01	105-02	
OFFICE	110-01	A3	90	3' - 0"	7' - 0"	2"	SC WOOD	PAINTED	110-01	HOLLOW METAL	PAINTED	5A4.01	8A4.01	---	110-01	
WOMEN	112-01	A1	90	3' - 0"	7' - 0"	2"	SC WOOD	PAINTED	112-01	HOLLOW METAL	PAINTED	5A4.01	8A4.01	9A4.01	112-01	
JAN.	113-01	C1		3' - 0"	7' - 0"	2"	STEEL	PAINTED	113-01	HOLLOW METAL	PAINTED	5A4.01	8A4.01	11A4.01	113-01	
MEN	114-01	A1	90	3' - 0"	7' - 0"	2"	SC WOOD	PAINTED	114-01	HOLLOW METAL	PAINTED	5A4.01	8A4.01	9A4.01	114-01	

2 DOOR SCHEDULE



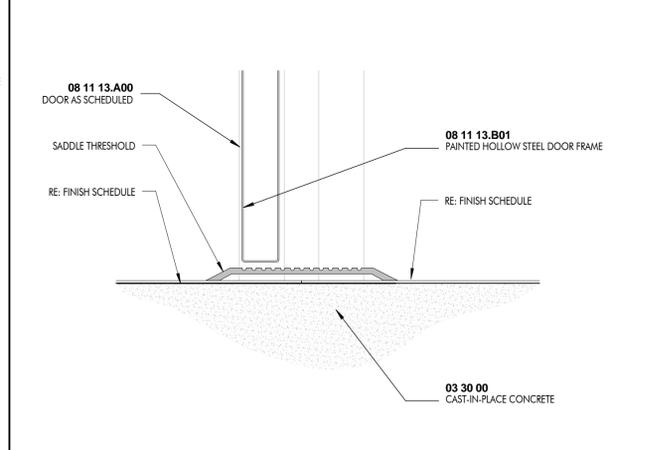
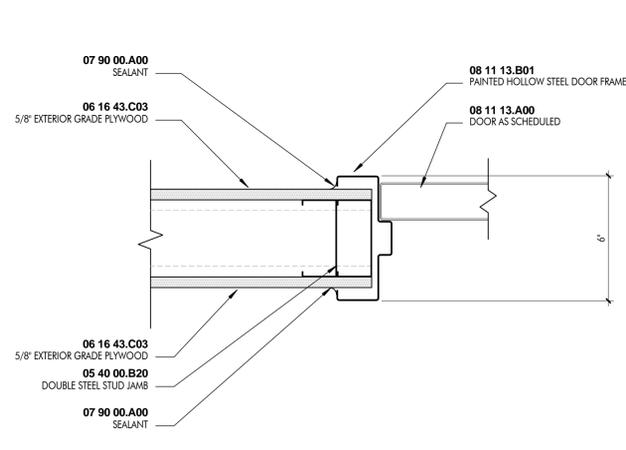
1 DOOR TYPES  
1/4" = 1'-0"

2 WINDOW TYPES



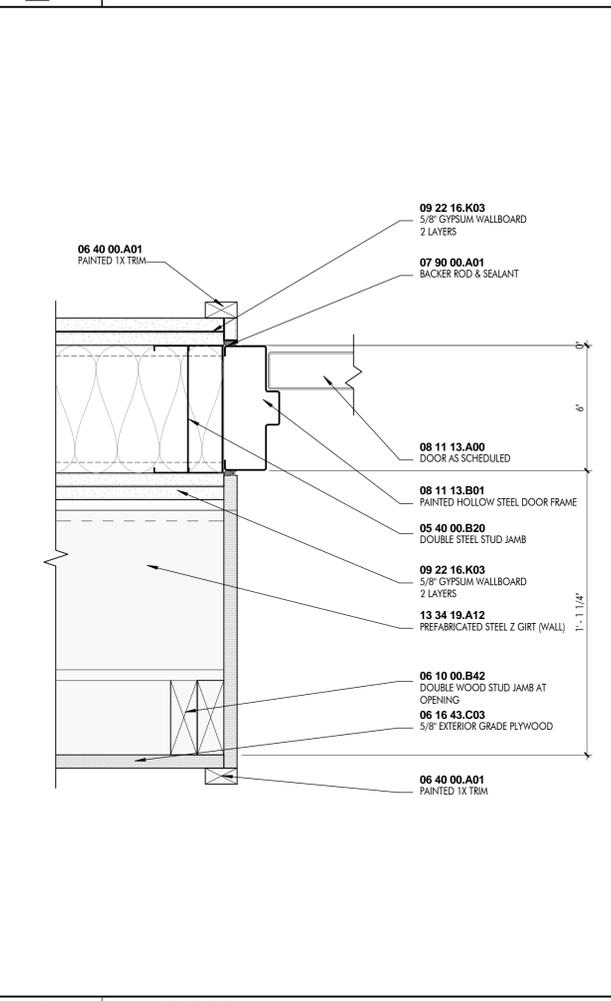
4 HEAD DETAIL  
3" = 1'-0"

5 HEAD DETAIL  
3" = 1'-0"

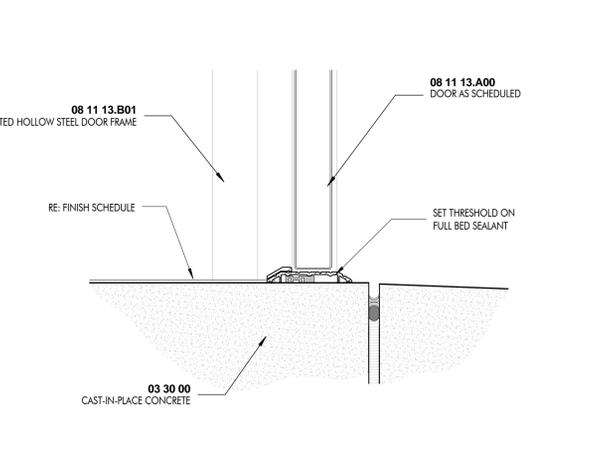


8 JAMB DETAIL  
3" = 1'-0"

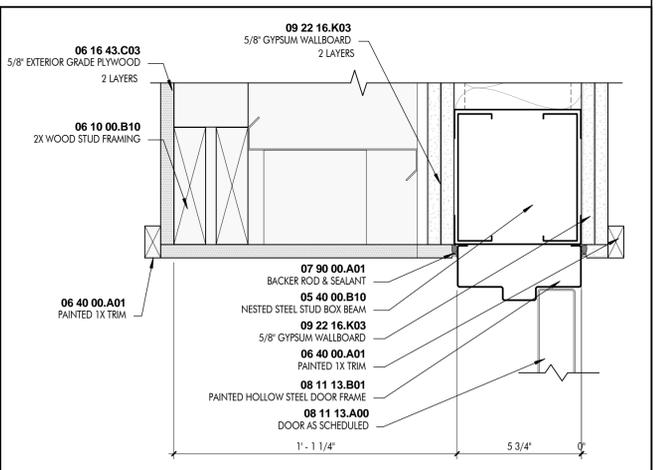
9 THRESHOLD  
3" = 1'-0"



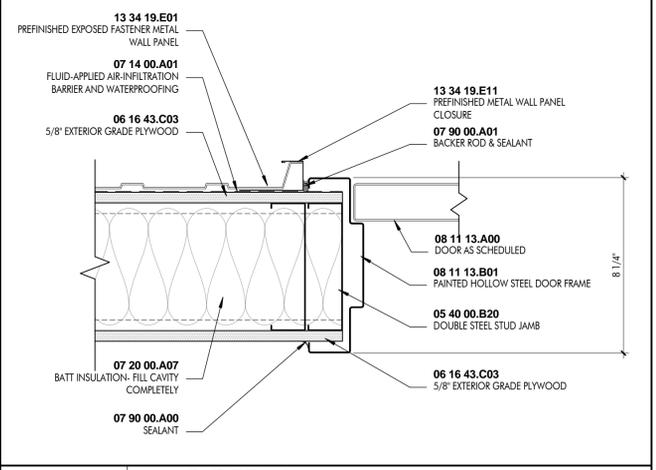
6 JAMB DETAIL  
3" = 1'-0"



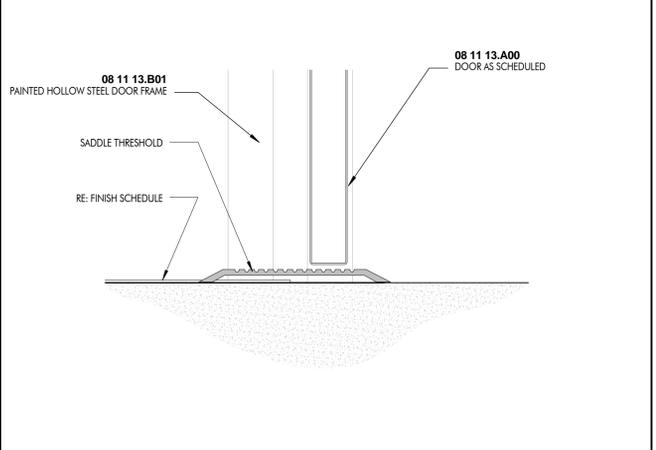
10 THRESHOLD  
3" = 1'-0"



3 HEAD DETAIL  
3" = 1'-0"



7 JAMB DETAIL  
3" = 1'-0"



11 THRESHOLD  
3" = 1'-0"

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
SB #1672 CHURCH STREET RECREATION CENTER

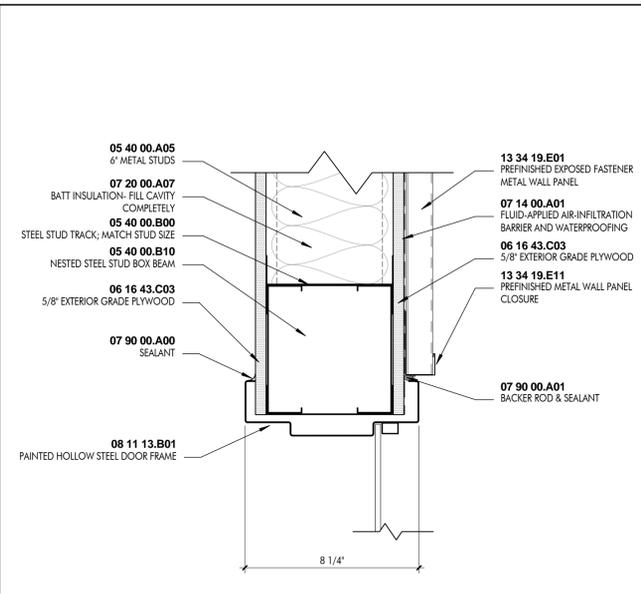
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

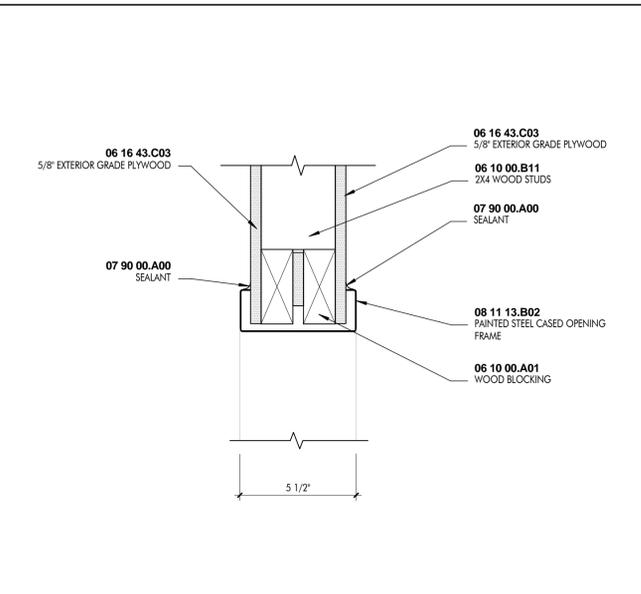
revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

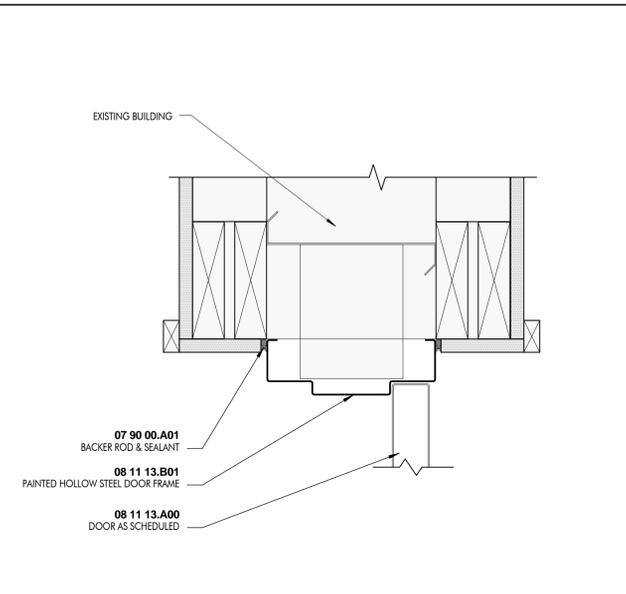
sheet  
A4.02



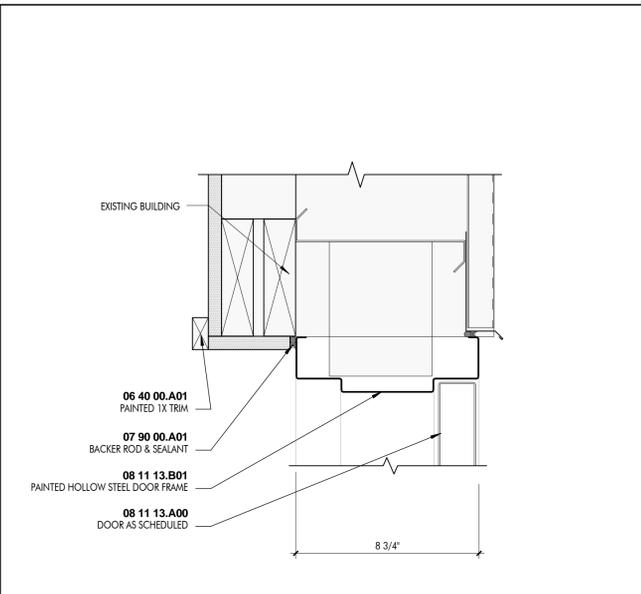
1 HEAD DETAIL  
3" = 1'-0"



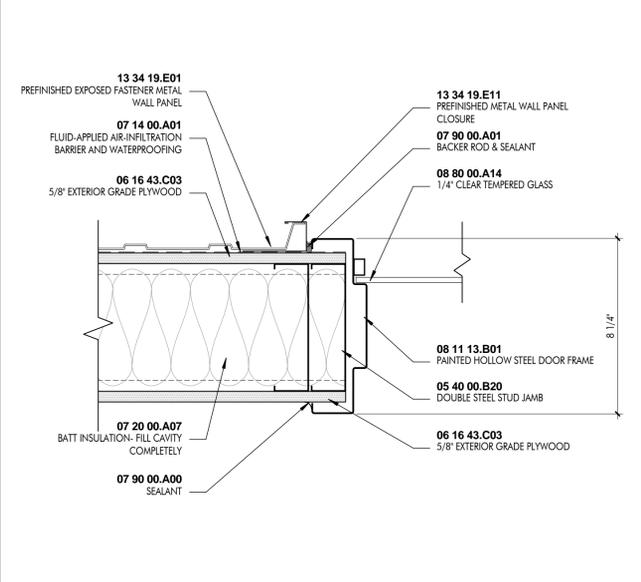
2 HEAD DETAIL  
3" = 1'-0"



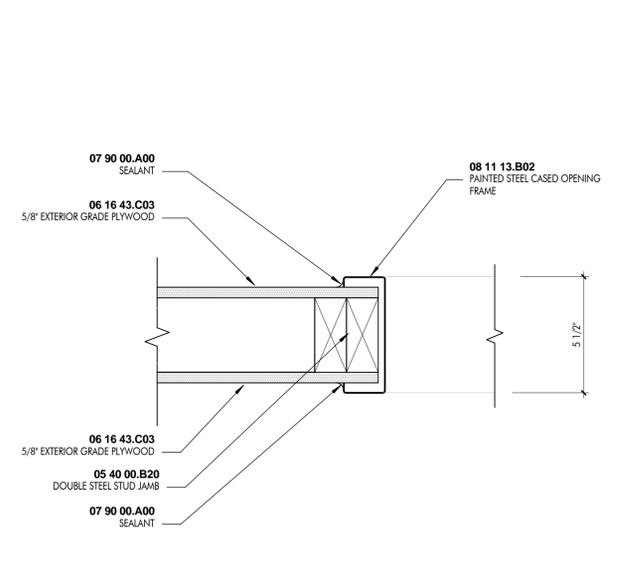
9 HEAD DETAIL  
3" = 1'-0"



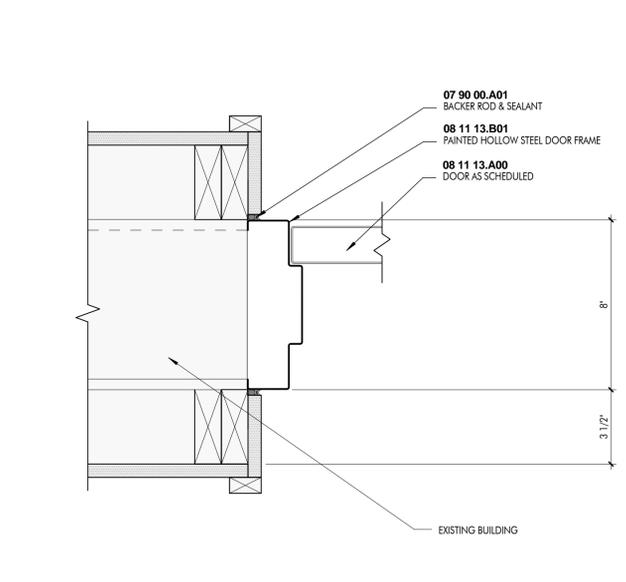
11 HEAD DETAIL  
3" = 1'-0"



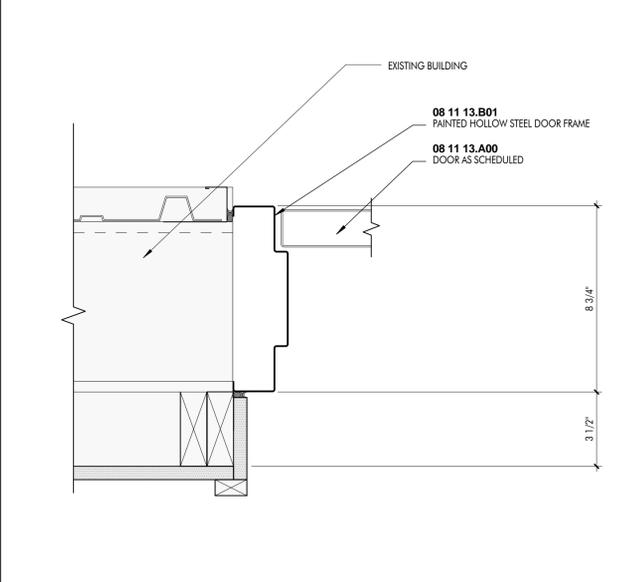
3 JAMB DETAIL  
3" = 1'-0"



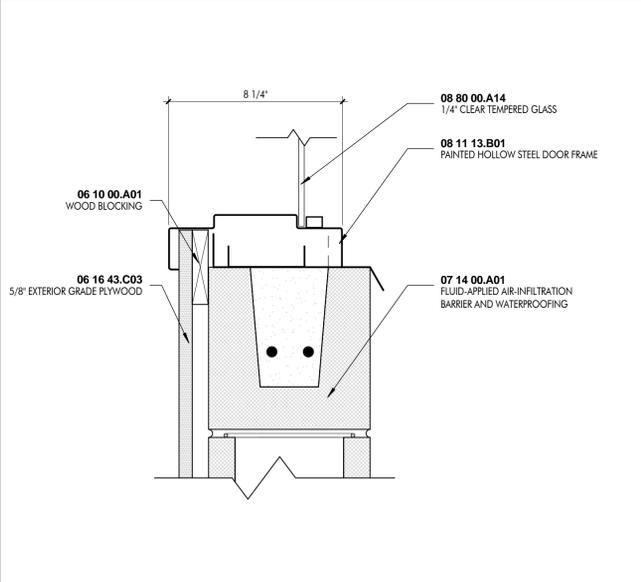
4 JAMB DETAIL  
3" = 1'-0"



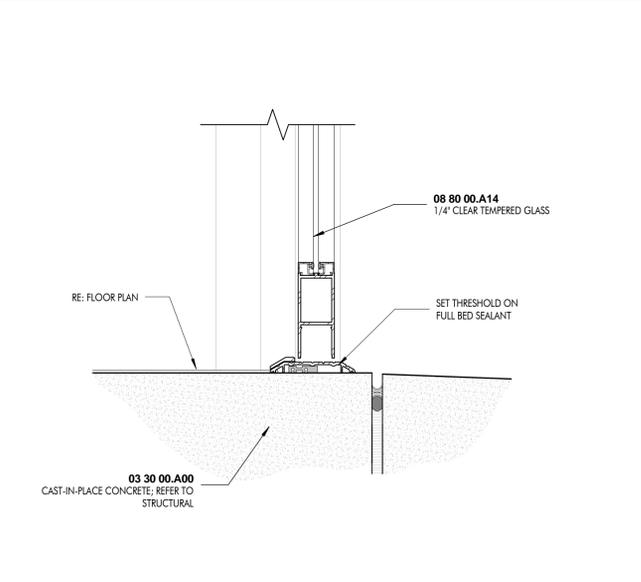
10 HEAD DETAIL  
3" = 1'-0"



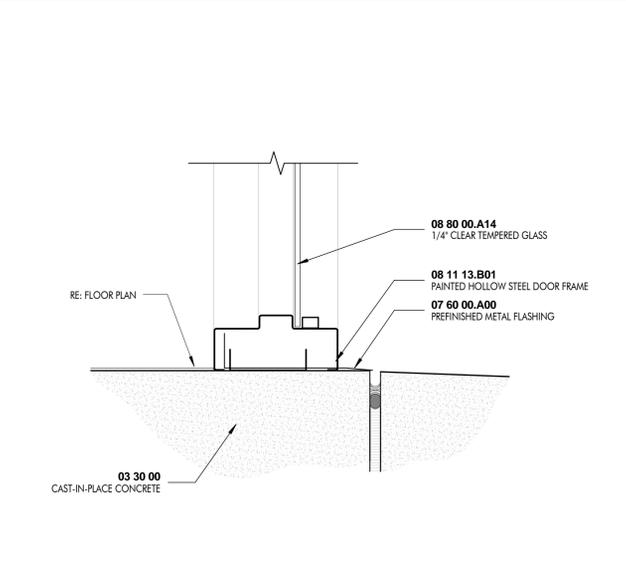
12 HEAD DETAIL  
3" = 1'-0"



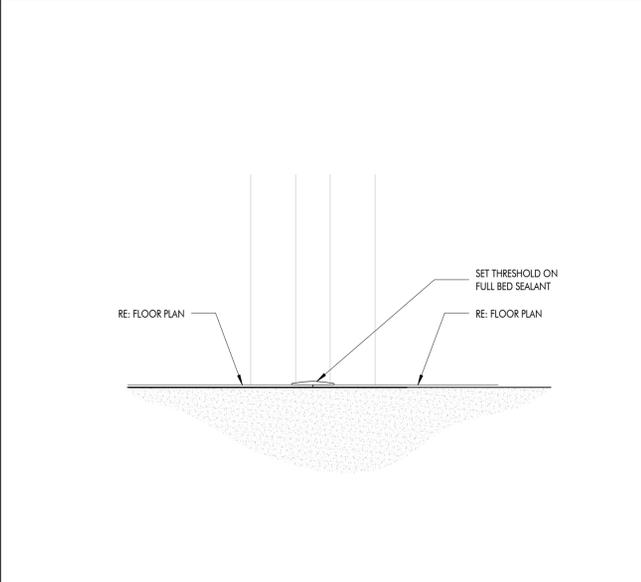
5 SILL DETAIL  
3" = 1'-0"



6 THRESHOLD  
3" = 1'-0"

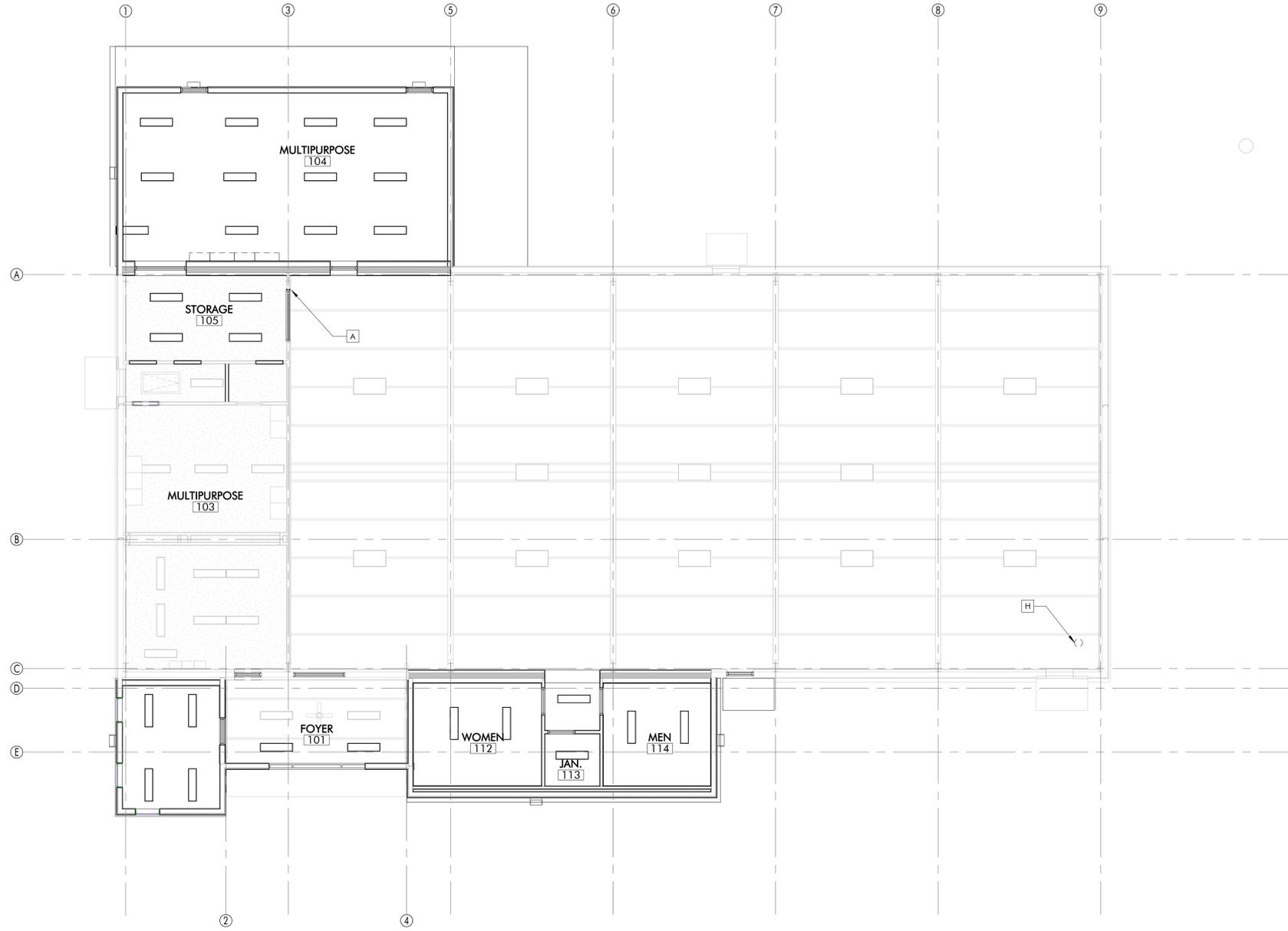


7 THRESHOLD  
3" = 1'-0"



8 THRESHOLD  
3" = 1'-0"

\*\* ALL CEILINGS IN NEW ADDITION TO BE COVERED WITH 5/8" EXTERIOR GRADE PLAYWOOD AND PAINTED \*\*



CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6" TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVERED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING, REINSTALL EXISTING DOORS AND HARDWARE, CLEAN AND ADJUST HARDWARE
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL

CEILING PLAN LEGEND	
	CEILING TYPE
	CEILING HEIGHT ABOVE FINISH FLOOR
	CEILING FINISH
	ROOM NAME
	ROOM DESIGNATION TAG
	12' X 48' STRIP LIGHT
	OUTDOOR WALL MOUNTED LIGHT
	LED MEDIUM WALL PACK
	EXISTING 12' X 48' STRIP LIGHT
	EXISTING 24' X 48' STRIP LIGHT

**1** REFLECTED CEILING PLAN  
1/8" = 1'-0"



8316 kelwood avenue  
baton rouge, la 70806  
225.216.3770 ph  
225.216.3771 fax



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

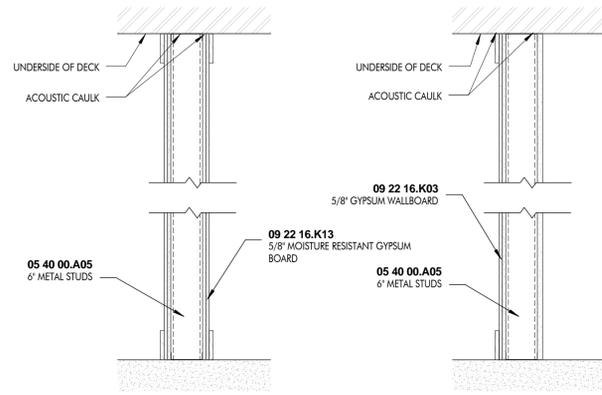
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

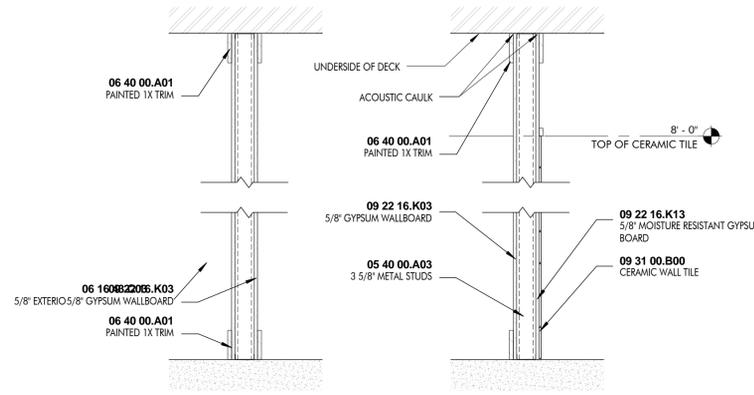
revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

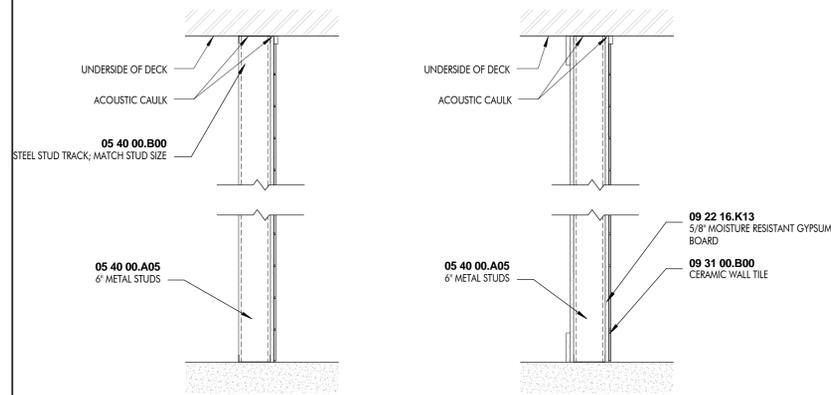
sheet  
**A5.01**



WALL PARTITION TYPE A		A1	A2
BASIC PARTITION THICKNESS		8-1/4"	7-1/4"
FIRE RATING		2 HR.	2 HR.
FIRE TEST NUMBER		UL-425	UL-415
INSULATION THICKNESS		6"	5"
GWFB THICKNESS		5/8"	5/8"
FIRE RESISTIVE JOINTS		YES	YES
STUD SIZE		6"	6"
METAL THICKNESS		20 GA.	20 GA.
STUD SPACING		16" O.C.	16 O.C.
STUDS TO STRUCTURE ABOVE:	W/ GWB TO STRUCTURE ABOVE	BOTH SIDES	BOTH SIDES
	W/ GWB TO 6" ABOVE CEILING		
REMARKS:			



WALL PARTITION TYPE B		B1	B2
BASIC PARTITION THICKNESS		4-7/8"	5-1/4"
FIRE RATING		N/A	N/A
FIRE TEST...		N/A	N/A
INSULATION THICKNESS		3-5/8"	3-5/8"
GWFB THICKNESS		5/8"	5/8"
FIRE RESISTIVE JOINTS		NONE	NONE
STUD SIZE		3-5/8"	3-5/8"
METAL THICKNESS		22 GA.	22 GA.
STUD SPACING		16" O.C.	16 O.C.
STUDS TO STRUCTURE ABOVE:	W/ GWB TO STRUCTURE ABOVE	BOTH SIDES	BOTH SIDES
	W/ GWB TO 6" ABOVE CEILING		
REMARKS:			



WALL PARTITION TYPE D		C1	C2
BASIC PARTITION THICKNESS		7"	7 - 3/4"
FIRE RATING		N/A	N/A
FIRE TEST NUMBER		N/A	N/A
INSULATION THICKNESS		6"	6"
GWFB THICKNESS		5/8"	5/8"
FIRE RESISTIVE JOINTS		NONE	NONE
STUD SIZE		6"	6"
METAL THICKNESS		20 GA.	20 GA.
STUD SPACING		16" O.C.	16 O.C.
STUDS TO STRUCTURE ABOVE:	W/ GWB TO STRUCTURE ABOVE	BOTH SIDES	BOTH SIDES
	W/ GWB TO 6" ABOVE CEILING		
REMARKS:			

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
05 AUGUST 2016

sheet  
**A5.02**

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
1	ADDENDUM 2	7/21/2016
2	ADDENDUM 3	8/5/2016

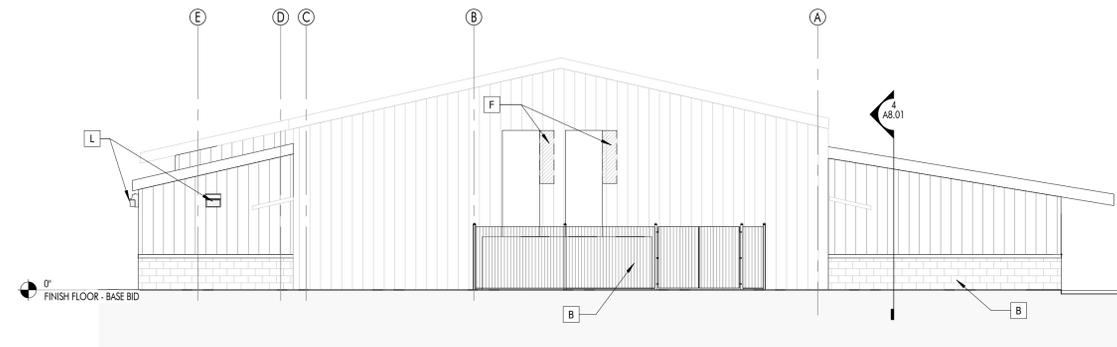
PROJ. # - C15-0016z

date  
05 AUGUST 2016

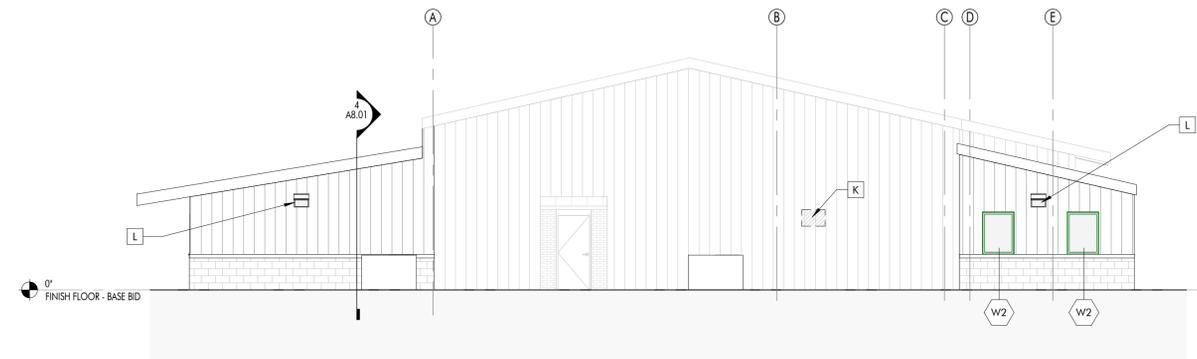
sheet  
**A6.01**

2 ADDENDUM 3

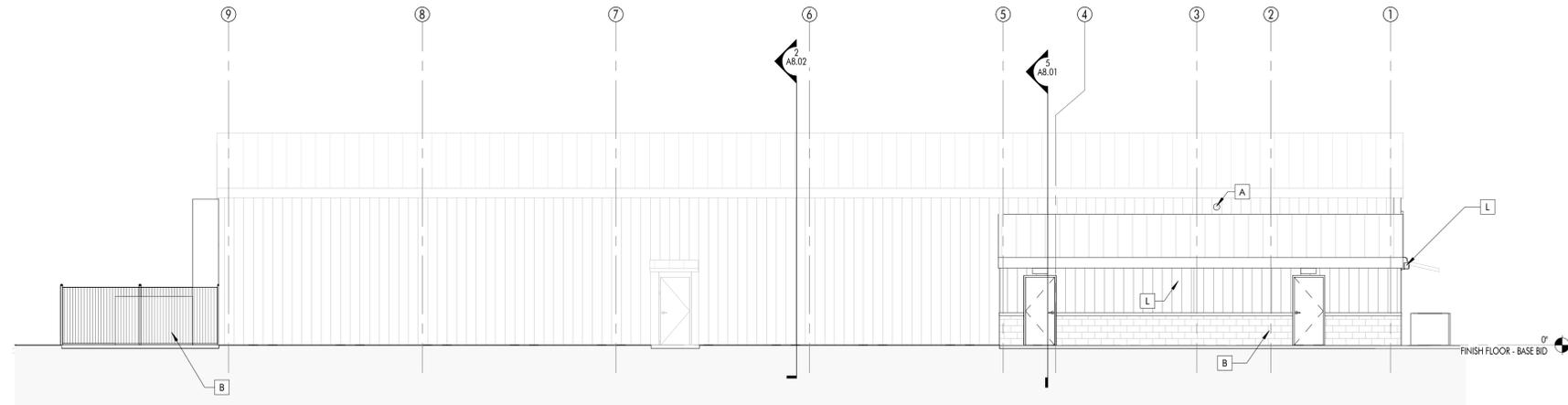
05 AUGUST 2016



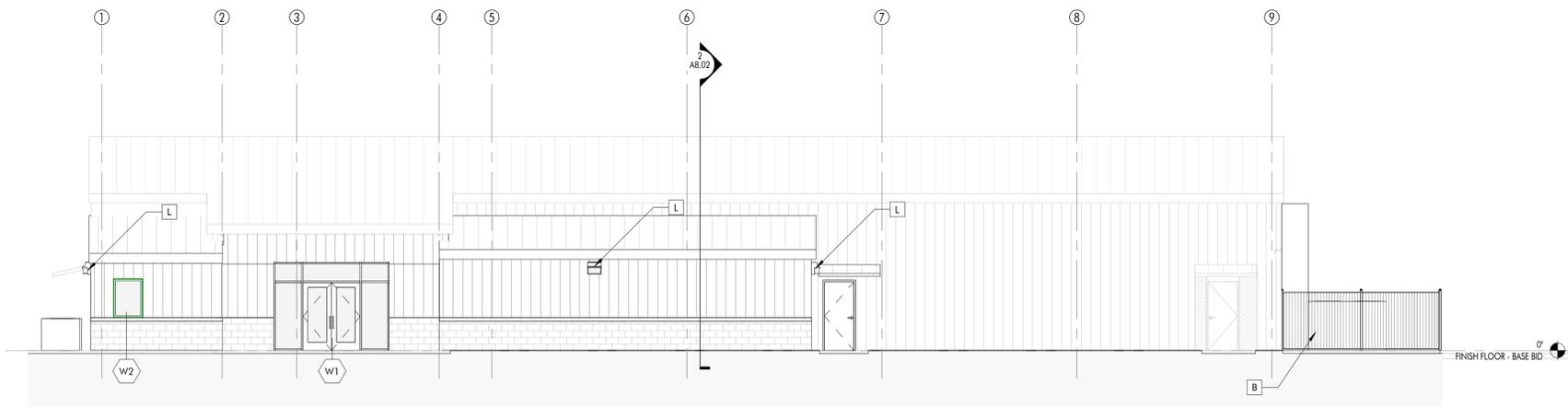
**1** EAST ELEVATION  
1/8" = 1'-0"



**4** WEST ELEVATION  
1/8" = 1'-0"

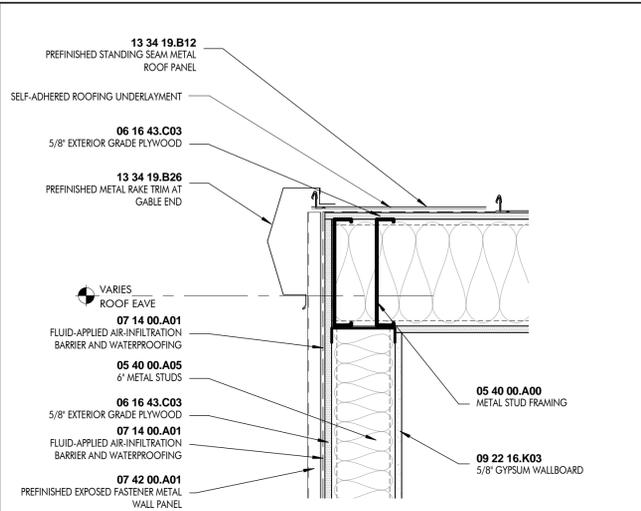


**2** NORTH ELEVATION  
1/8" = 1'-0"

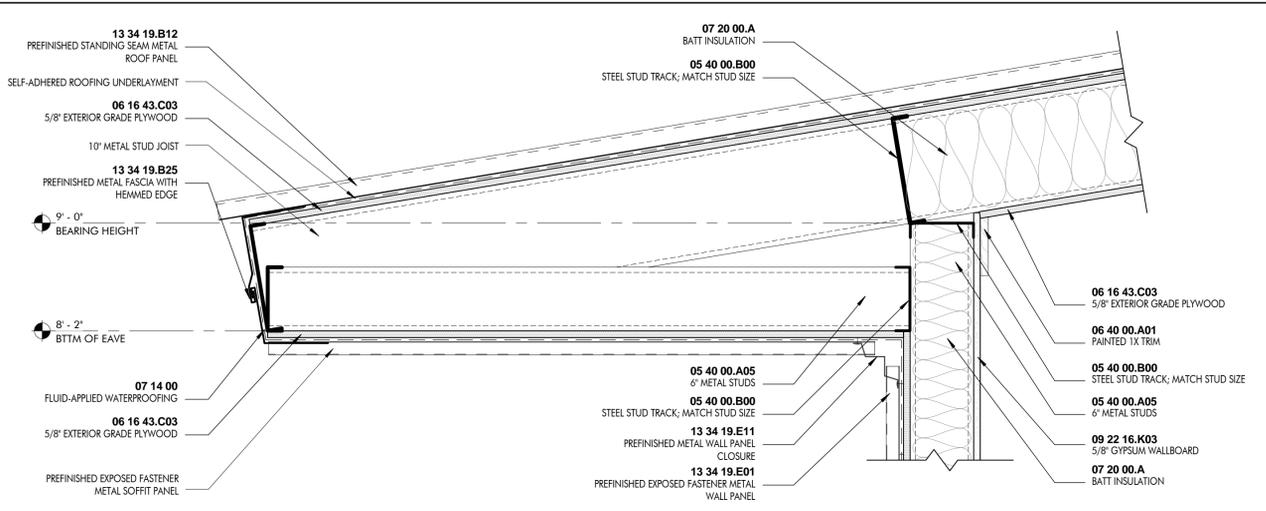


**3** SOUTH ELEVATION  
1/8" = 1'-0"

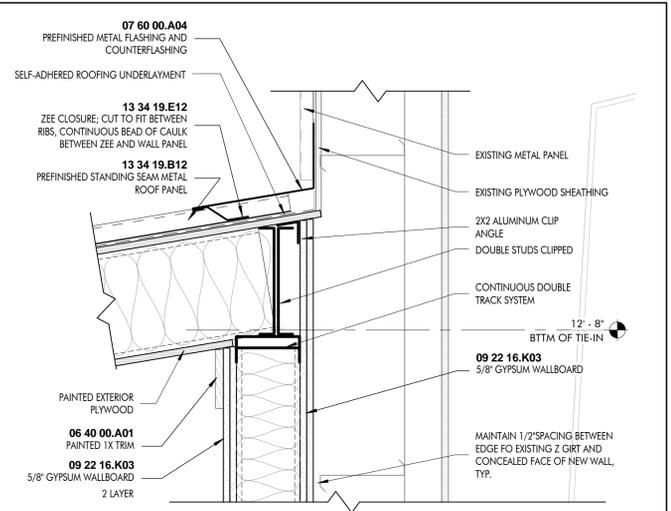
CONSTRUCTION NOTES	
MARK	DESCRIPTION
A	PATCH HOLE IN WALL LEFT BY DEMOLISHED GAS HEATER FLUE
B	NEW MECHANICAL PAD W/ 6' TALL WOOD FENCE AND GATES
C	NEW WATER COOLERS/BOTTLE FILLER
D	NEW VCT FLOORING WITH 1X WOOD BASE TO MATCH EXISTING
E	NEW EPOXY FLOORING WITH SELF-COVED BASE
F	PATCH HOLE IN WALL LEFT BY DEMOLISHED LOUVER OR DOOR
G	NEW PLUMBING FIXTURES, MIRROR, SOAP DISPENSER, AND TOWEL HOLDER
H	PATCH HOLE IN ROOF LEFT BY DEMOLISHED GAS HEATER FLUE - RE: 4/A2.01
J	NEW CATCH BASIN WITH SUBSURFACE DRAINAGE
K	REMOVE AIR CONDITION WALL UNIT, FILL IN WALL
L	NEW LIGHTING - RE: ELECT.
M	NEW VINYL FACED BATT INSULATION
N	OVERHEAD SERVICE TO BE RELOCATED RE: ELECTRICAL
P	PAINT EXISTING WALLS
Q	INSTALL NEW ATTIC STAIRS
R	INSTALL NEW HOLLOW METAL FRAME IN EXISTING OPENING. REINSTALL EXISTING DOORS AND HARDWARE. CLEAN AND ADJUST HARDWARE.
S	CUT NEW CASED OPENING IN EXISTING LOAD BEARING WALL



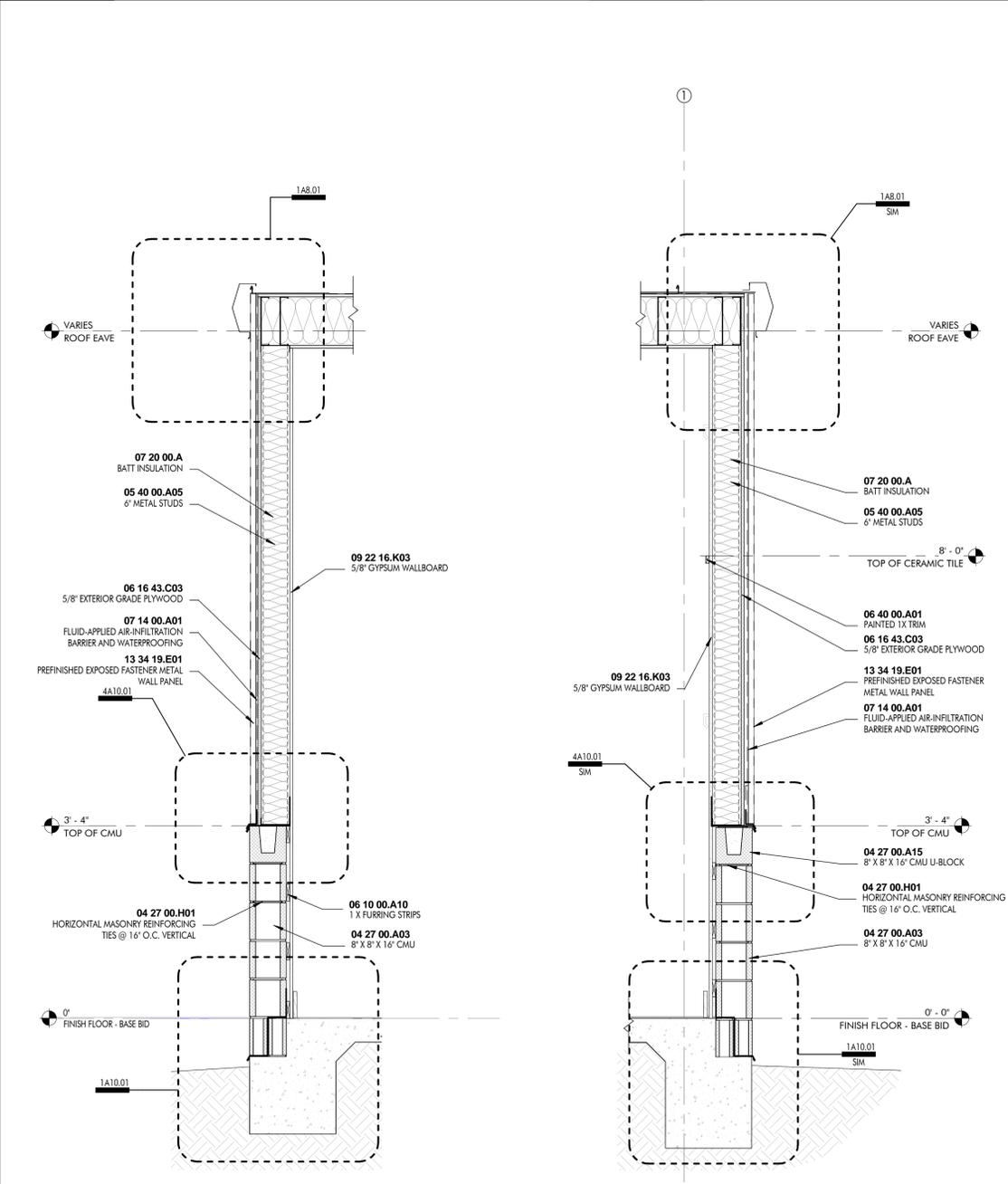
**1** DETAIL  
1 1/2" = 1'-0"



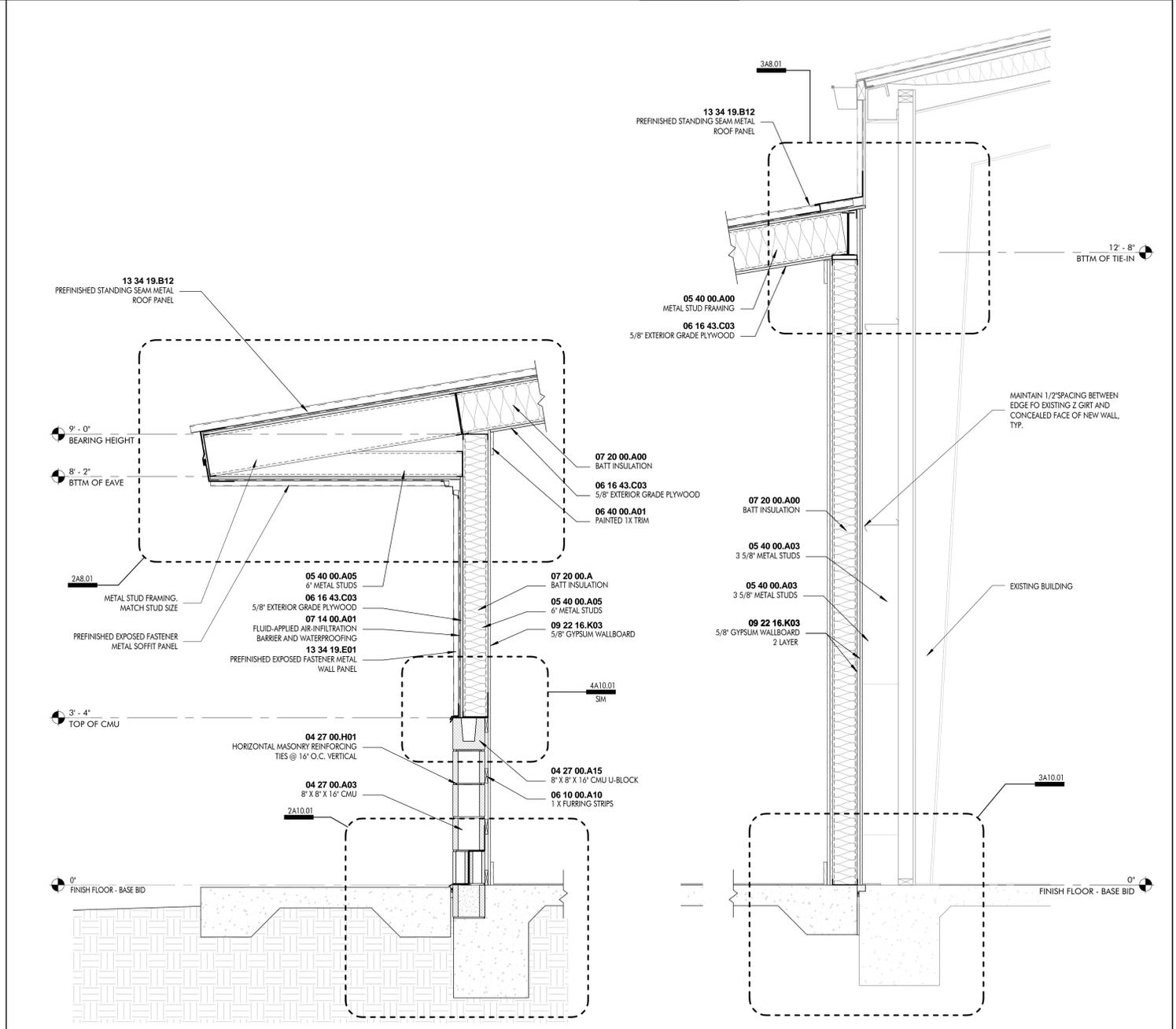
**2** DETAIL  
1 1/2" = 1'-0"



**3** DETAIL  
1 1/2" = 1'-0"



**4** WALL SECTION  
3/4" = 1'-0"



**5** WALL SECTION  
3/4" = 1'-0"

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**

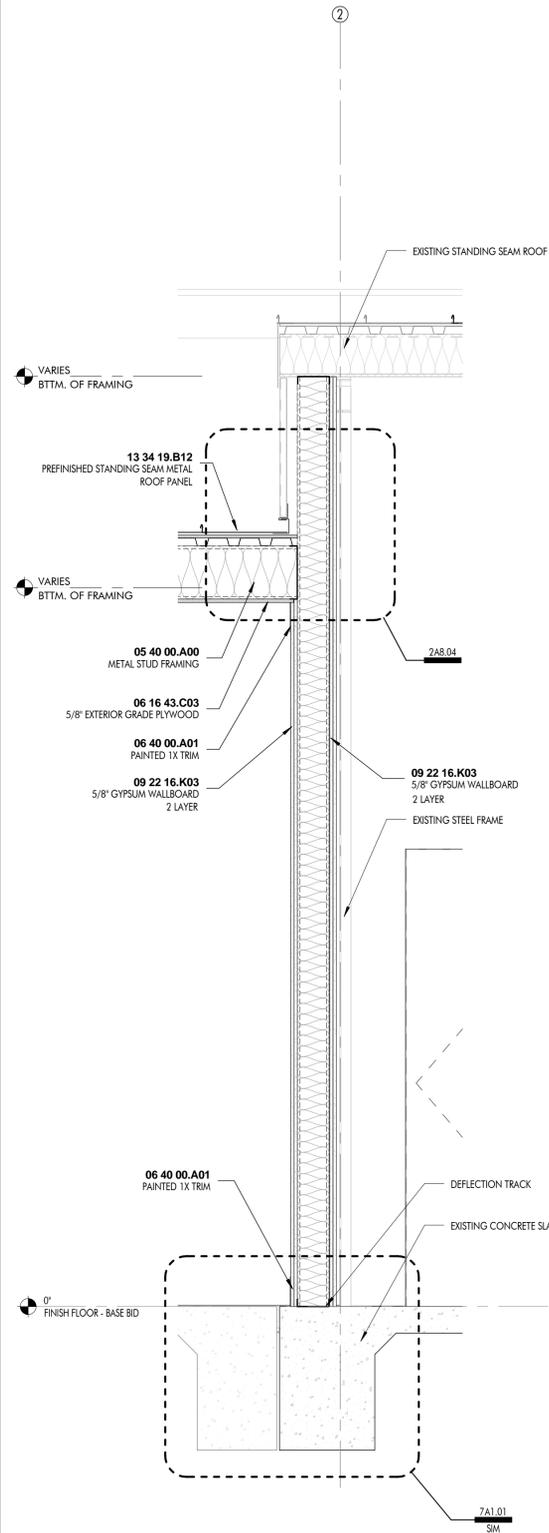
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

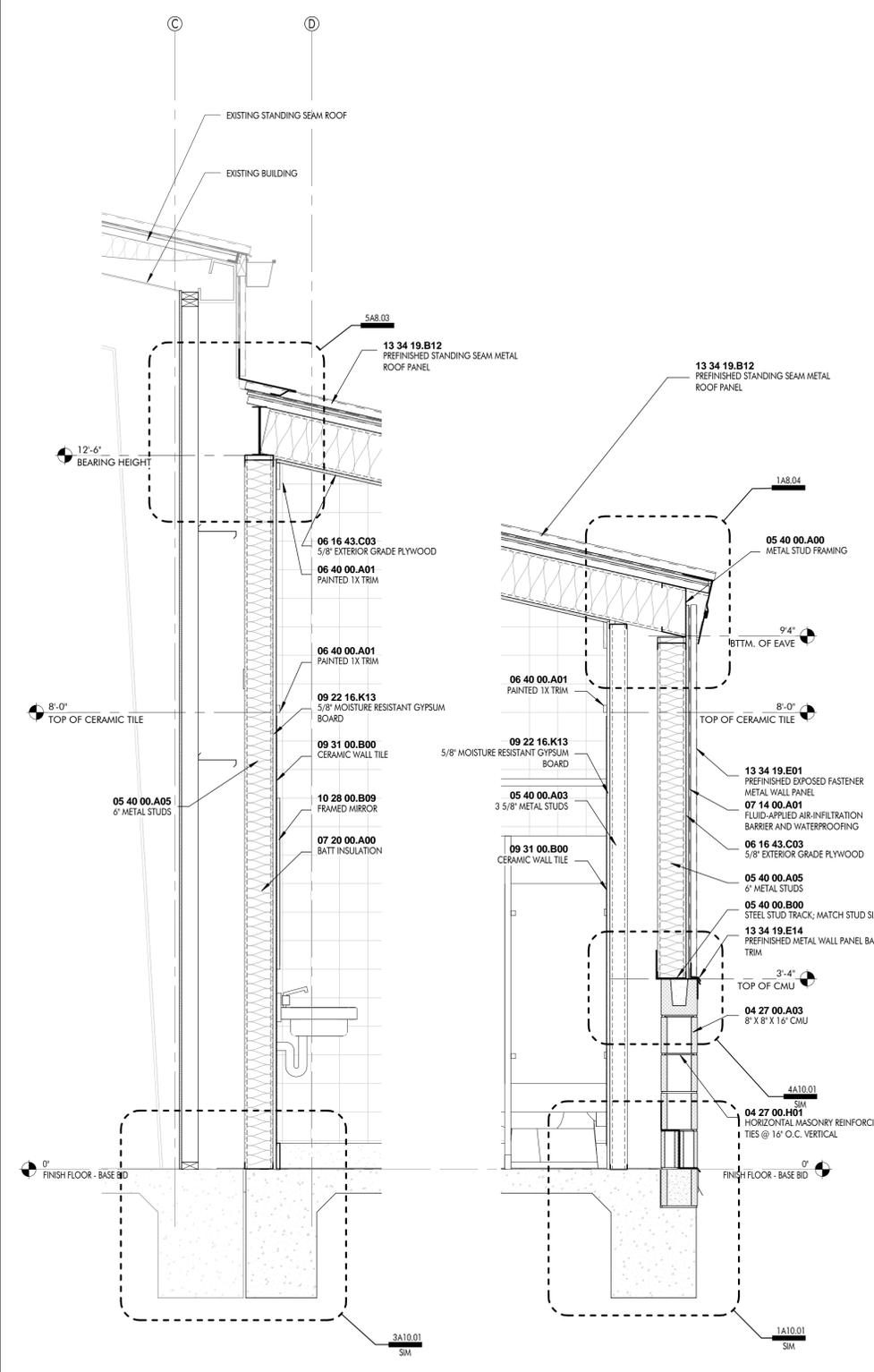
revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**

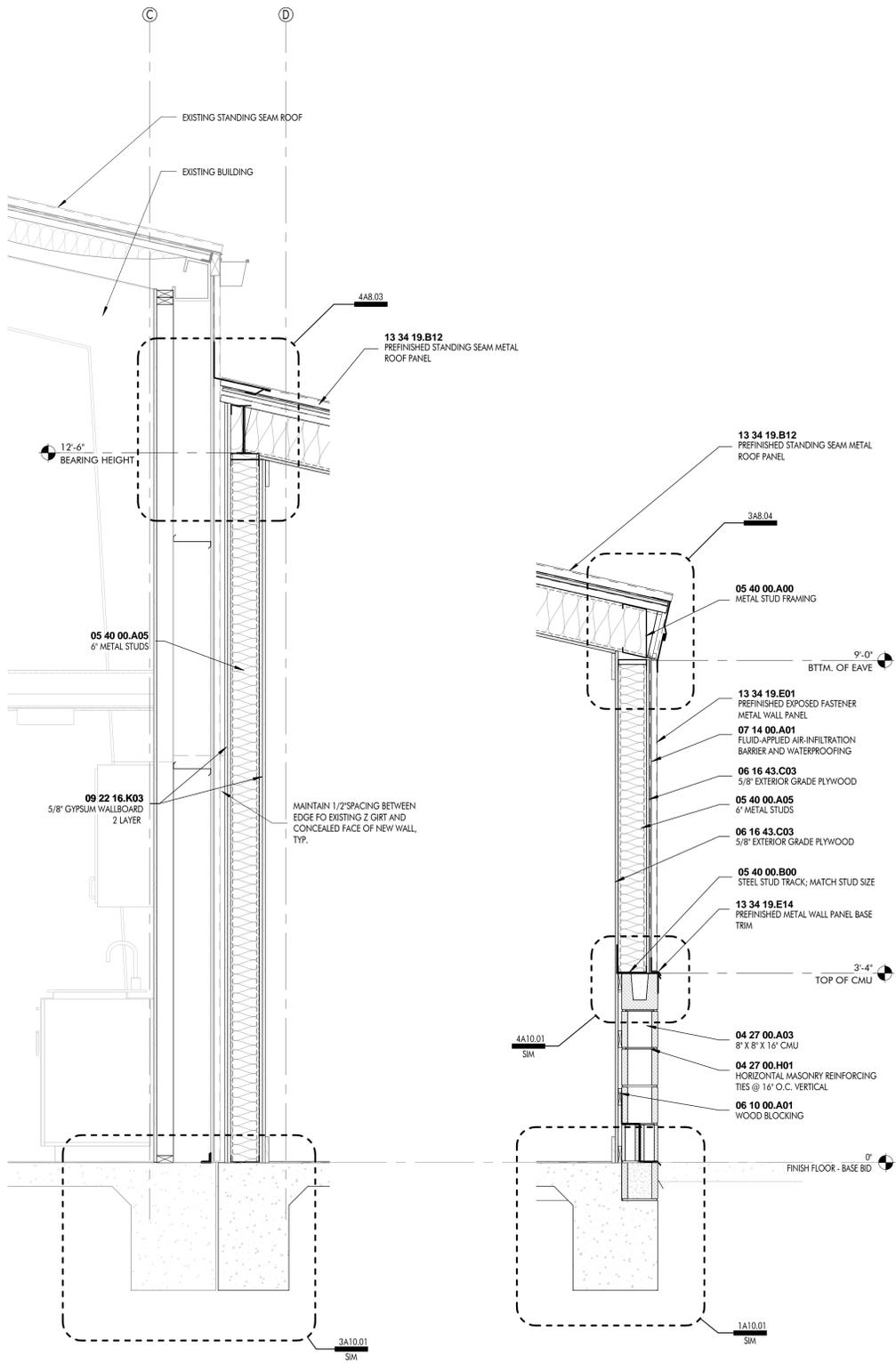
sheet  
**A8.01**



**1** WALL SECTION  
3/4" = 1'-0"



**2** WALL SECTION  
3/4" = 1'-0"



**3** WALL SECTION  
3/4" = 1'-0"

CD SET  
50% NOT FOR  
CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC, and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein. Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**

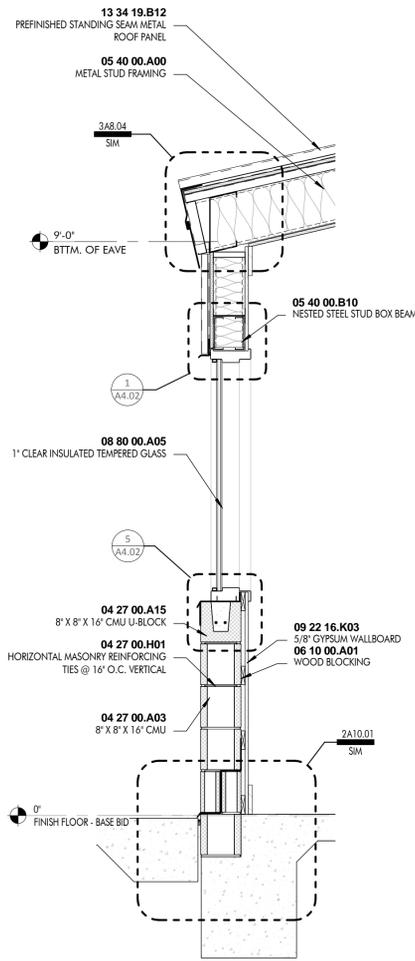
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

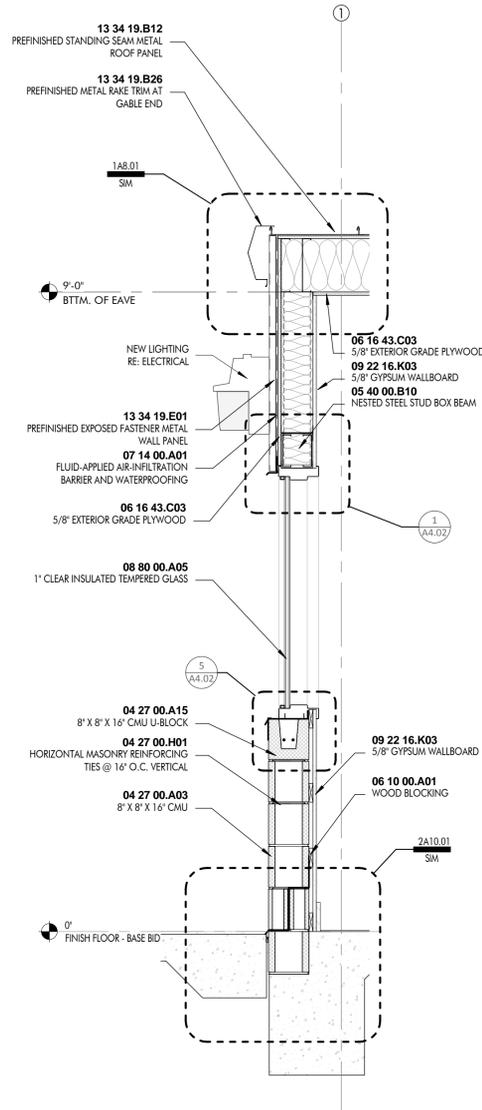
revisions		
No.	Description	Date
2	APPENDUM 3	8/5/2016

date  
05 AUGUST 2016

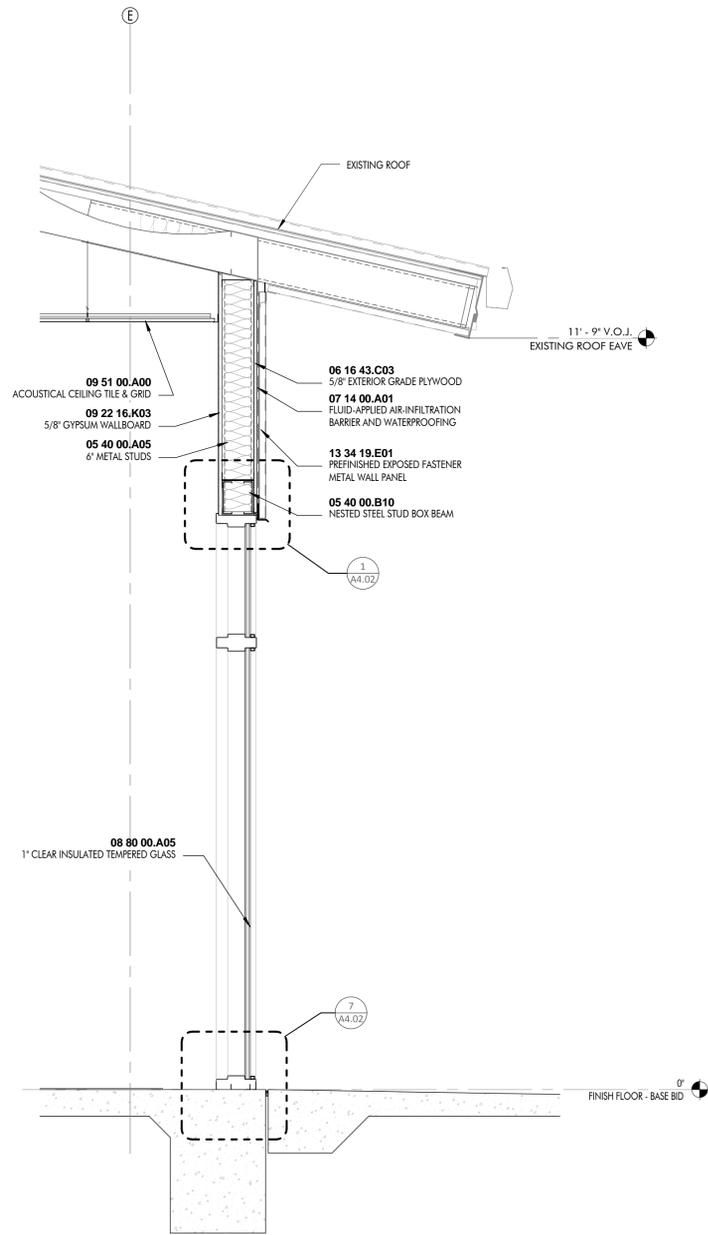
sheet  
**A8.02**



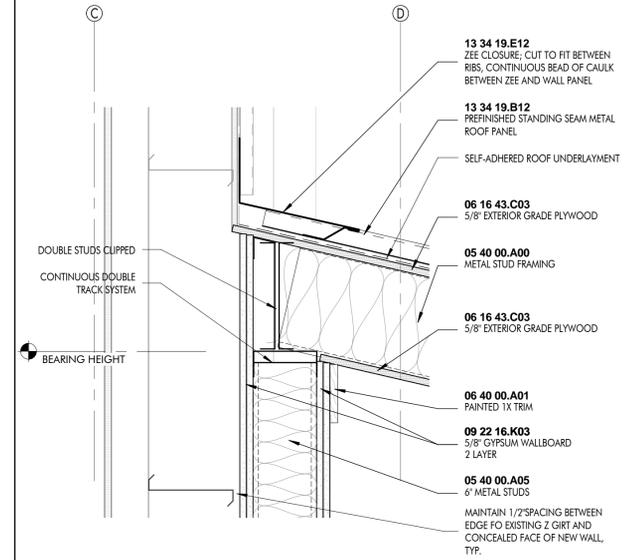
**1** WALL SECTION  
3/4" = 1'-0"



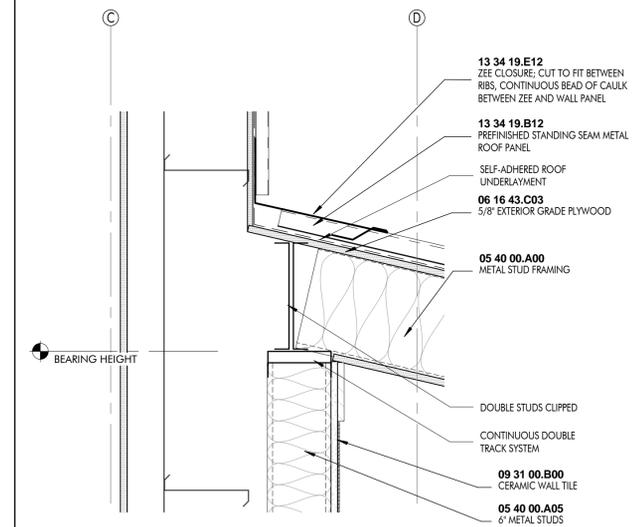
**2** WALL SECTION  
3/4" = 1'-0"



**3** WALL SECTION  
3/4" = 1'-0"



**4** DETAIL  
1 1/2" = 1'-0"



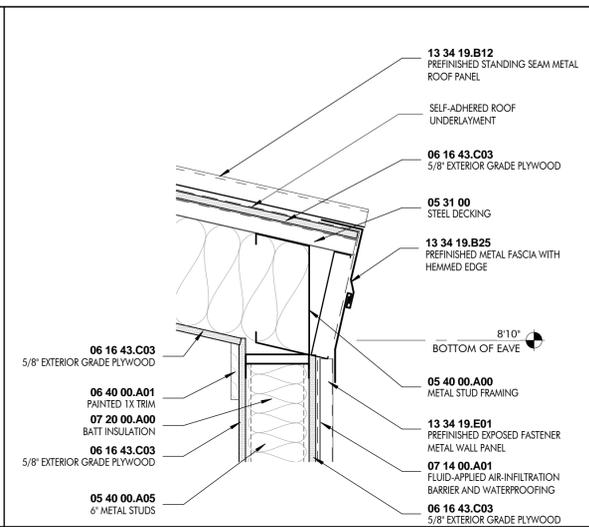
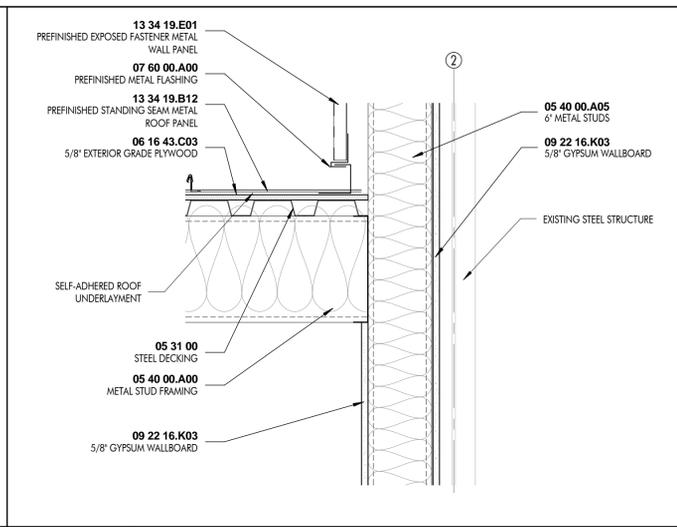
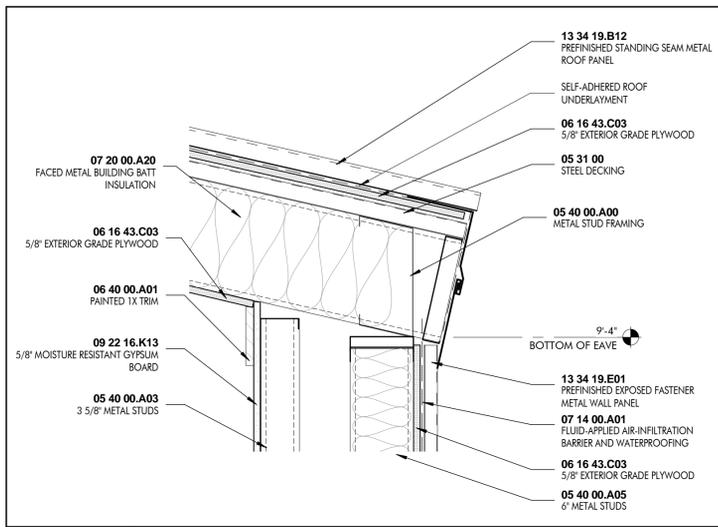
**5** DETAIL  
1 1/2" = 1'-0"

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**  
3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	APPENDUM 3	8/5/2016

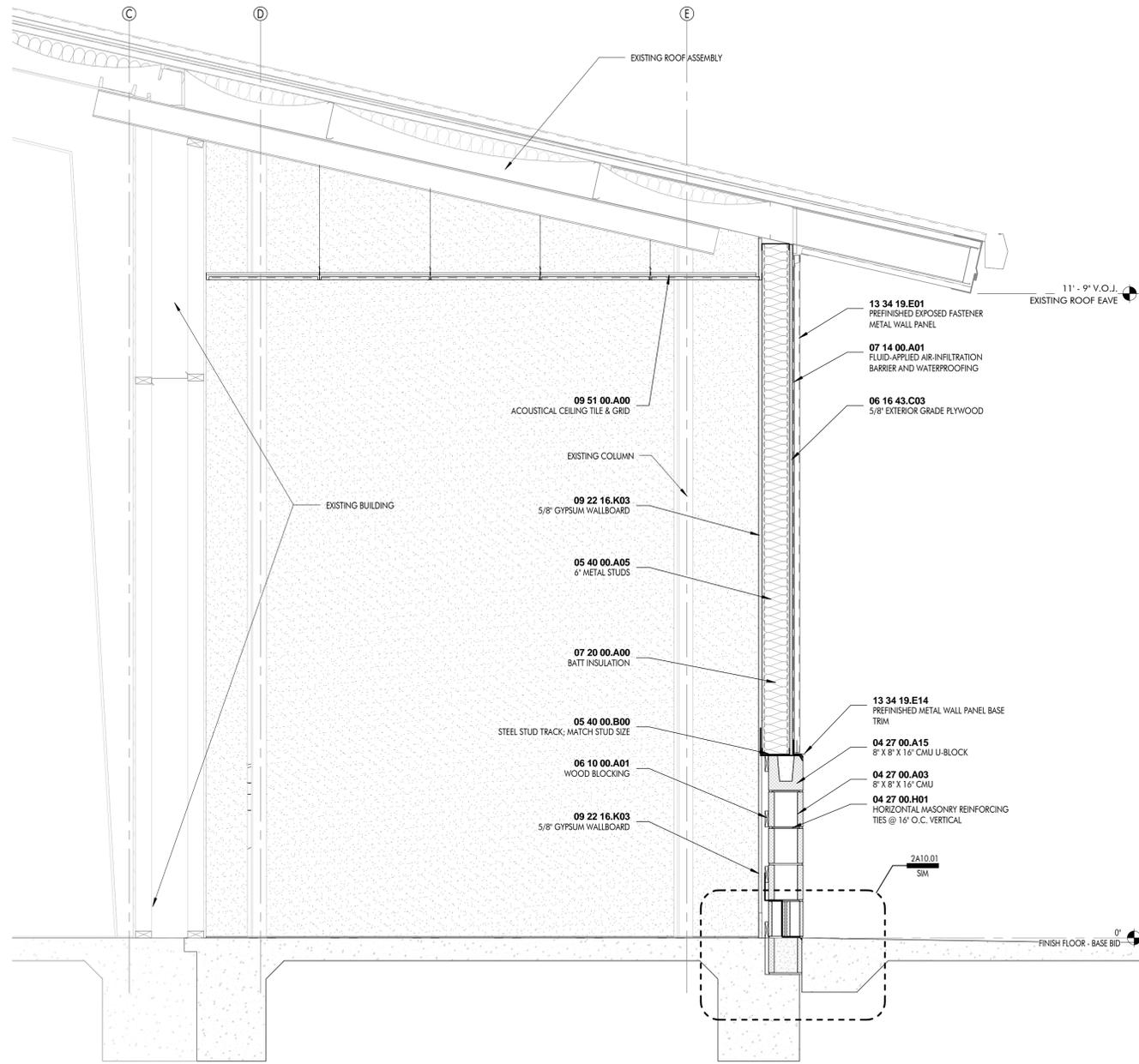
date  
**05 AUGUST 2016**



**1** DETAIL  
1 1/2" = 1'-0"

**2** DETAIL  
1 1/2" = 1'-0"

**3** DETAIL  
1 1/2" = 1'-0"



**4** BUILDING SECTION  
3/4" = 1'-0"

CD SET  
50% NOT FOR CONSTRUCTION

These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
 Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
 These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

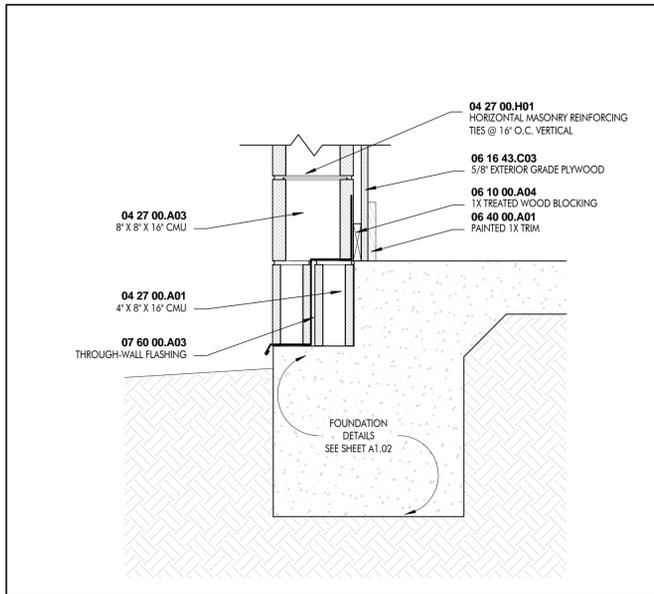
PROJ. # . C15-0016z


date  
05 AUGUST 2016

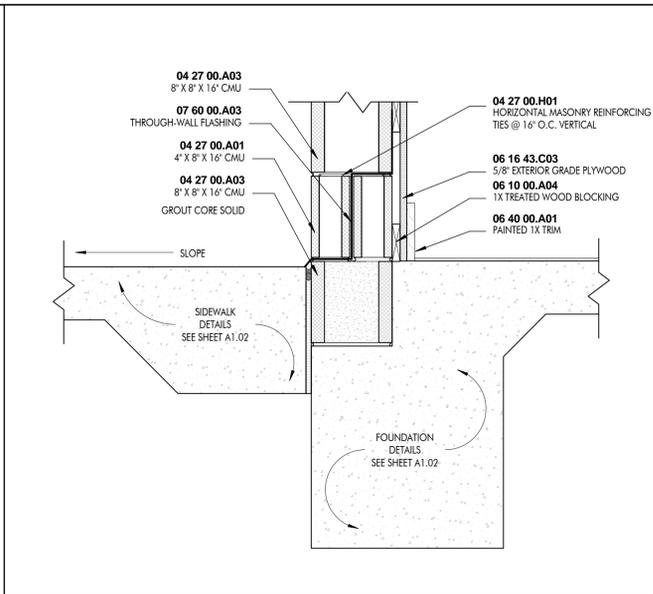
sheet  
**A8.04**

2 ADDENDUM 3

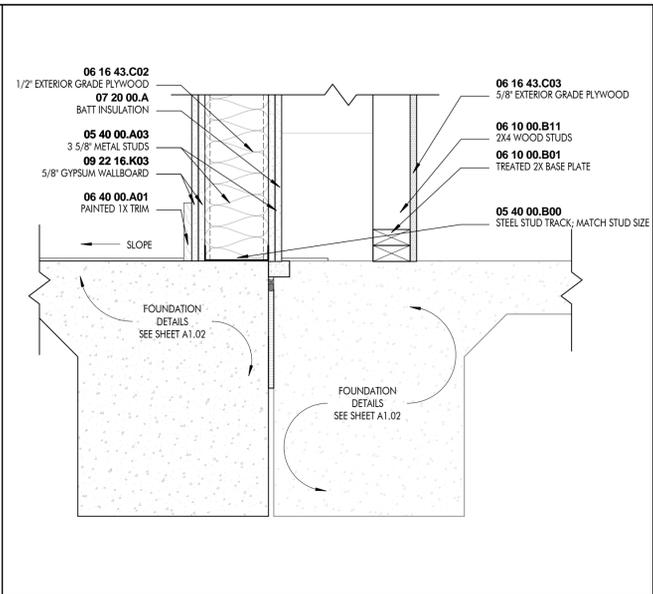
05 AUGUST 2016



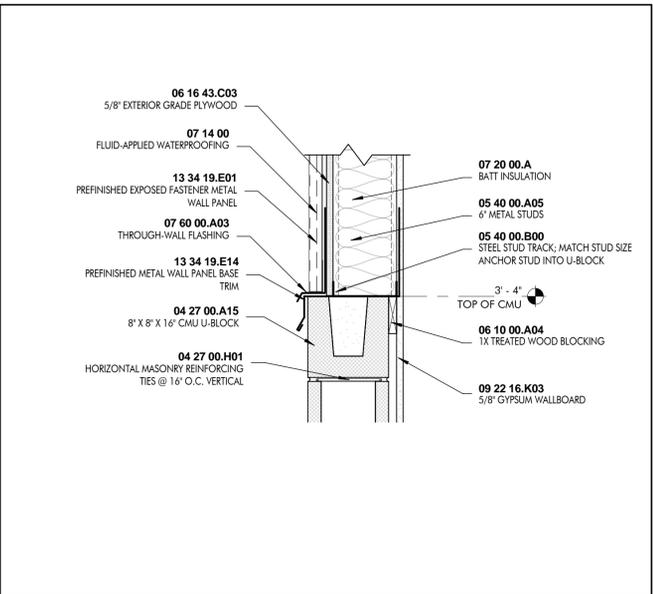
**1** DETAIL  
 1 1/2" = 1'-0"



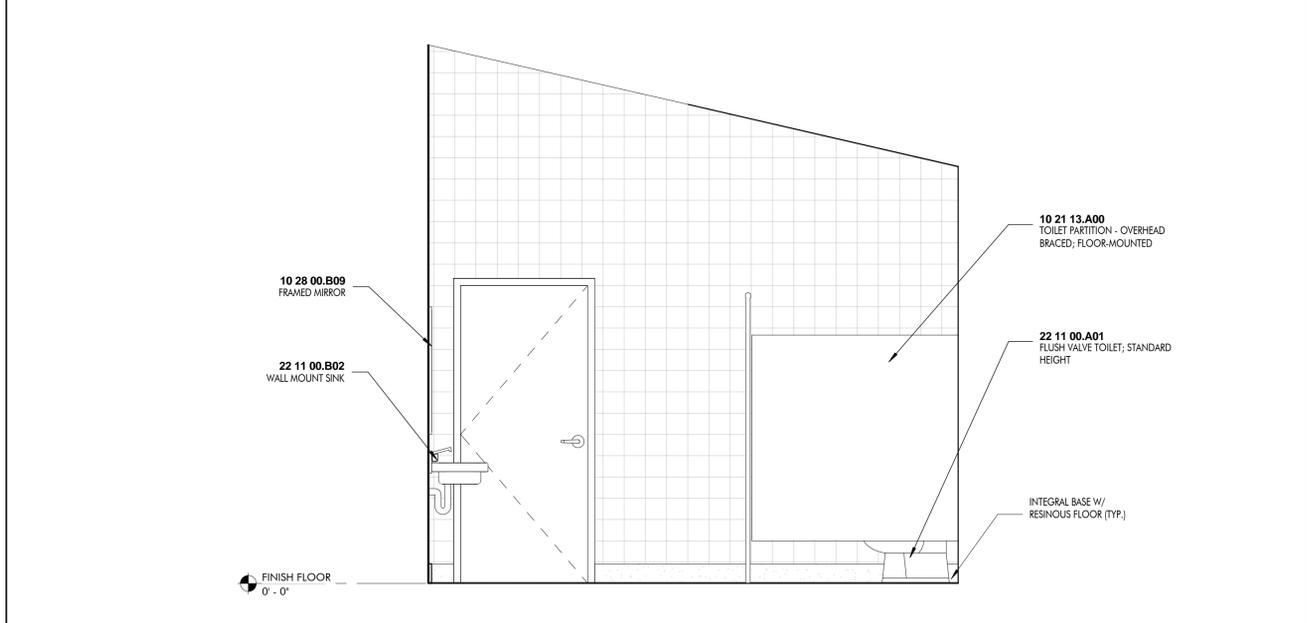
**2** DETAIL  
 1 1/2" = 1'-0"



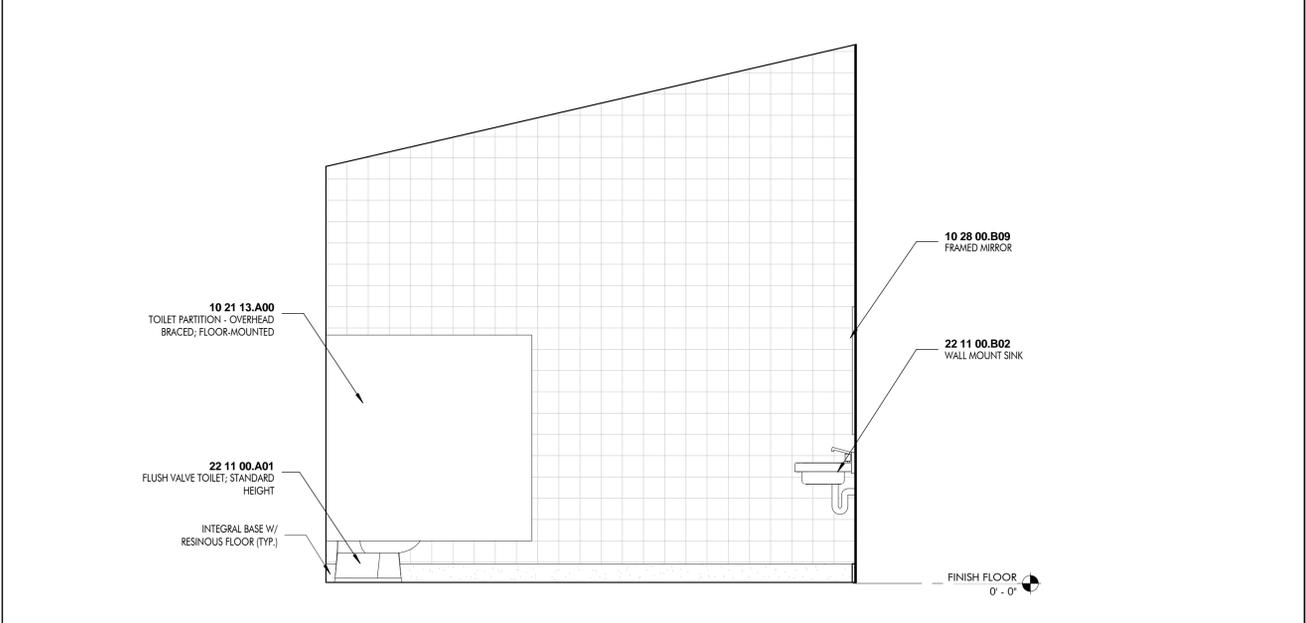
**3** DETAIL  
 1 1/2" = 1'-0"



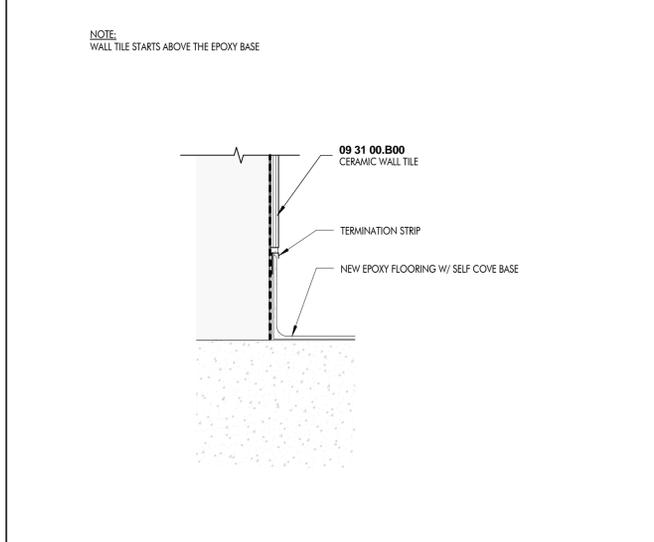
**4** DETAIL  
 1 1/2" = 1'-0"



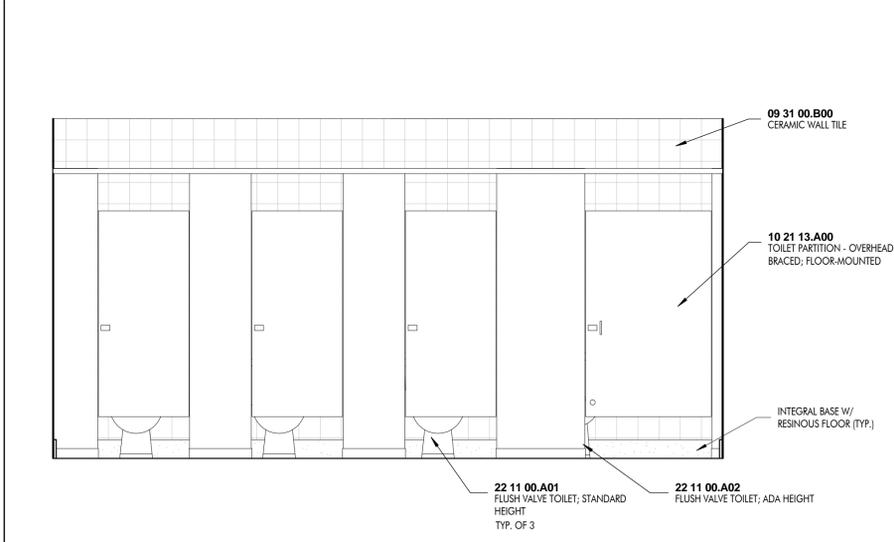
**5** FAMILY BATHROOM  
 1/2" = 1'-0"



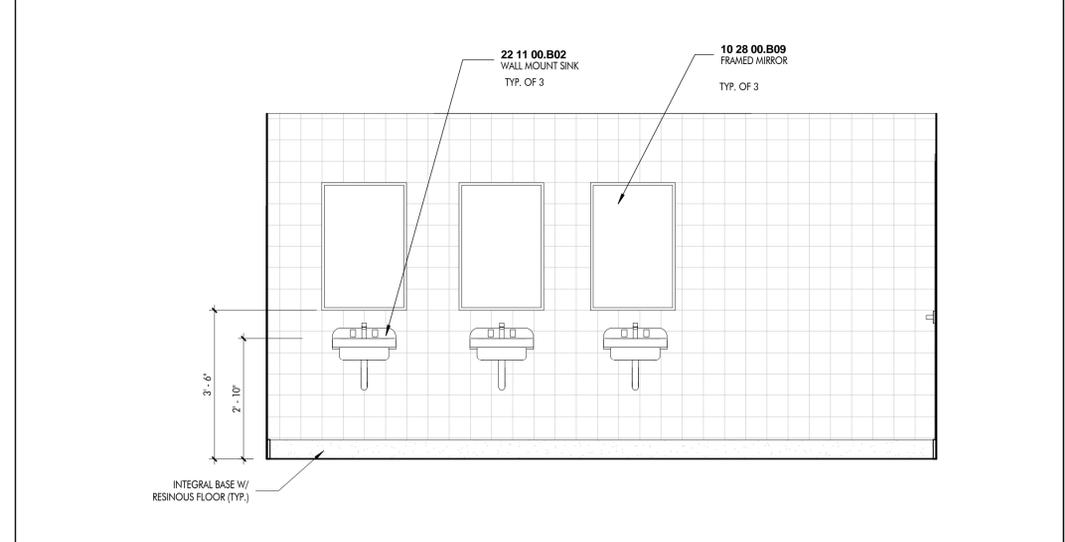
**7** FAMILY BATHROOM  
 1/2" = 1'-0"



**9** THRESHOLD  
 3" = 1'-0"



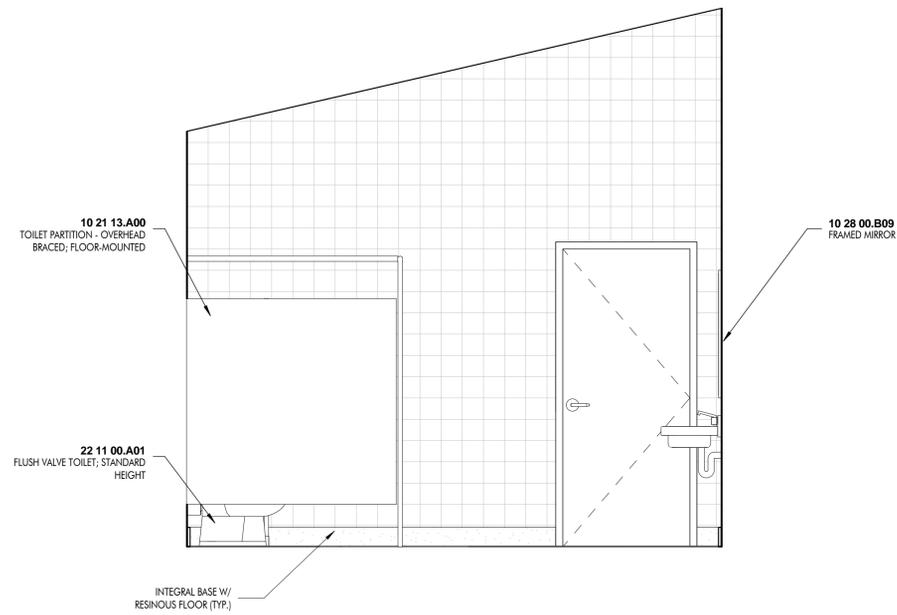
**6** FAMILY BATHROOM  
 1/2" = 1'-0"



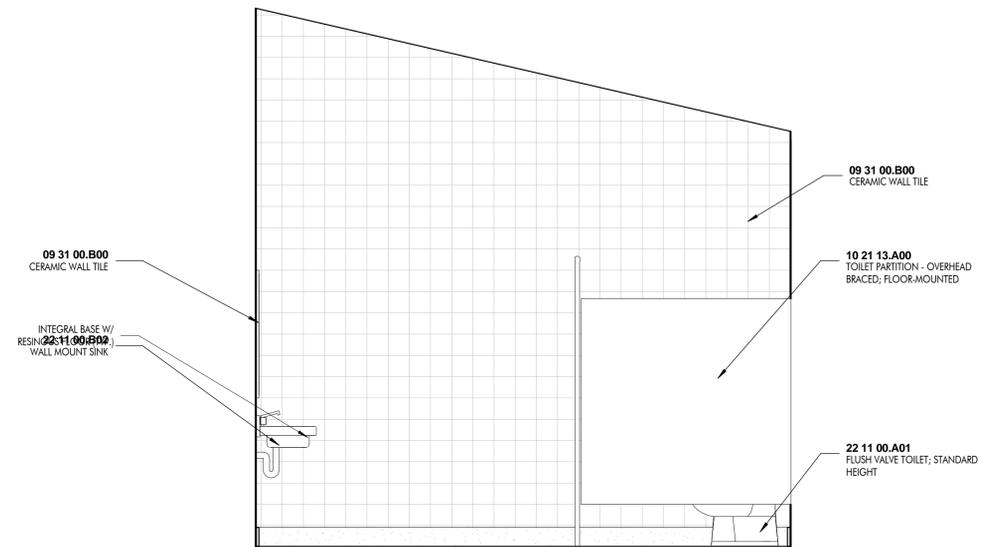
**8** FAMILY BATHROOM  
 1/2" = 1'-0"

CD SET  
 50% NOT FOR  
 CONSTRUCTION

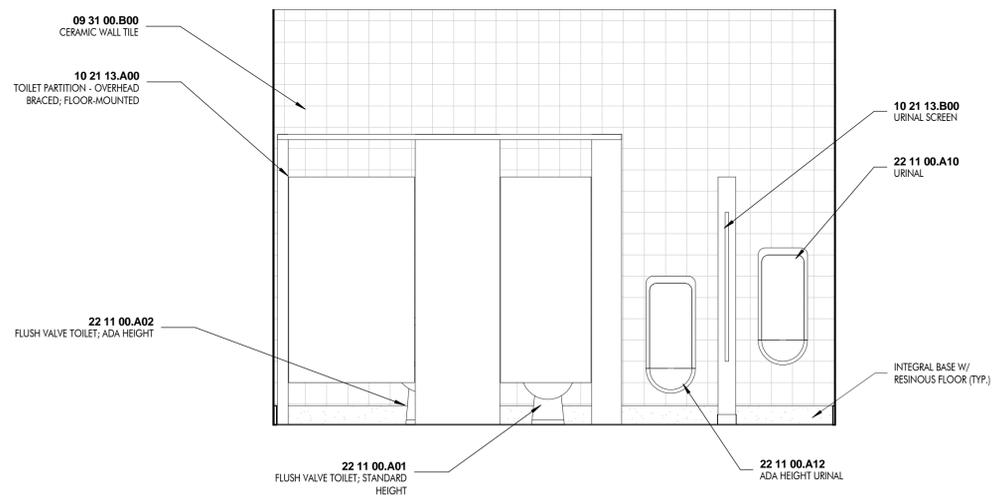
These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



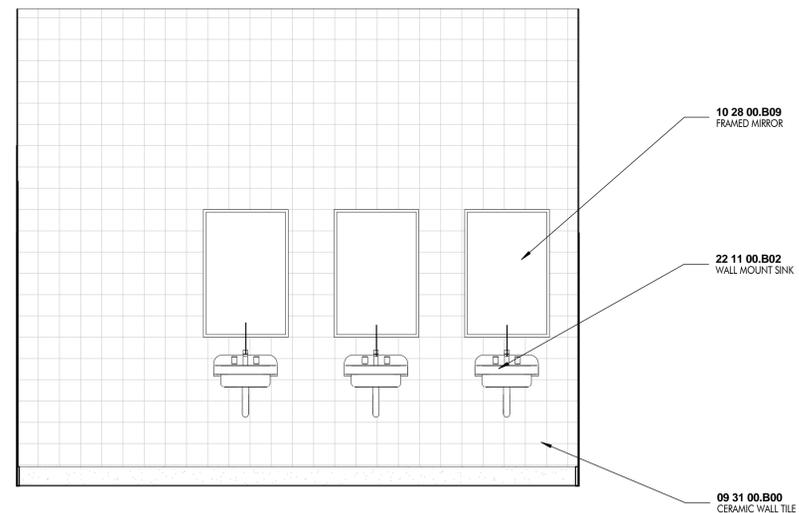
**1** INTERIOR ELEVATION  
 1/2" = 1'-0"



**2** INTERIOR ELEVATION  
 1/2" = 1'-0"



**3** INTERIOR ELEVATION  
 1/2" = 1'-0"



**4** INTERIOR ELEVATION  
 1/2" = 1'-0"

RENOVATIONS  
**SB #1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
 CRUMB ENGINEERING, LLC  
 4609 FAIRFIELD STREET  
 METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

PROJ. # - C15-0016z

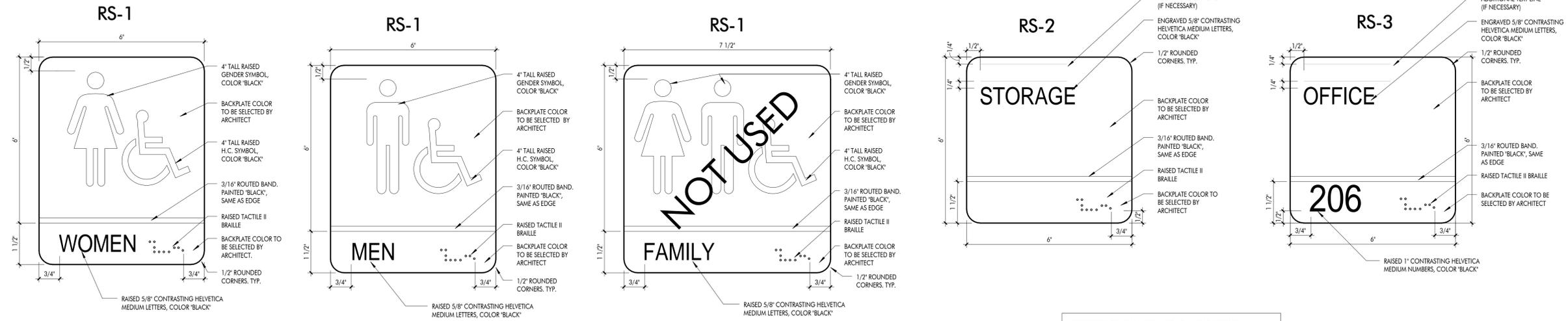
date
05 AUGUST 2016

05 AUGUST 2016

sheet  
**A10.02**

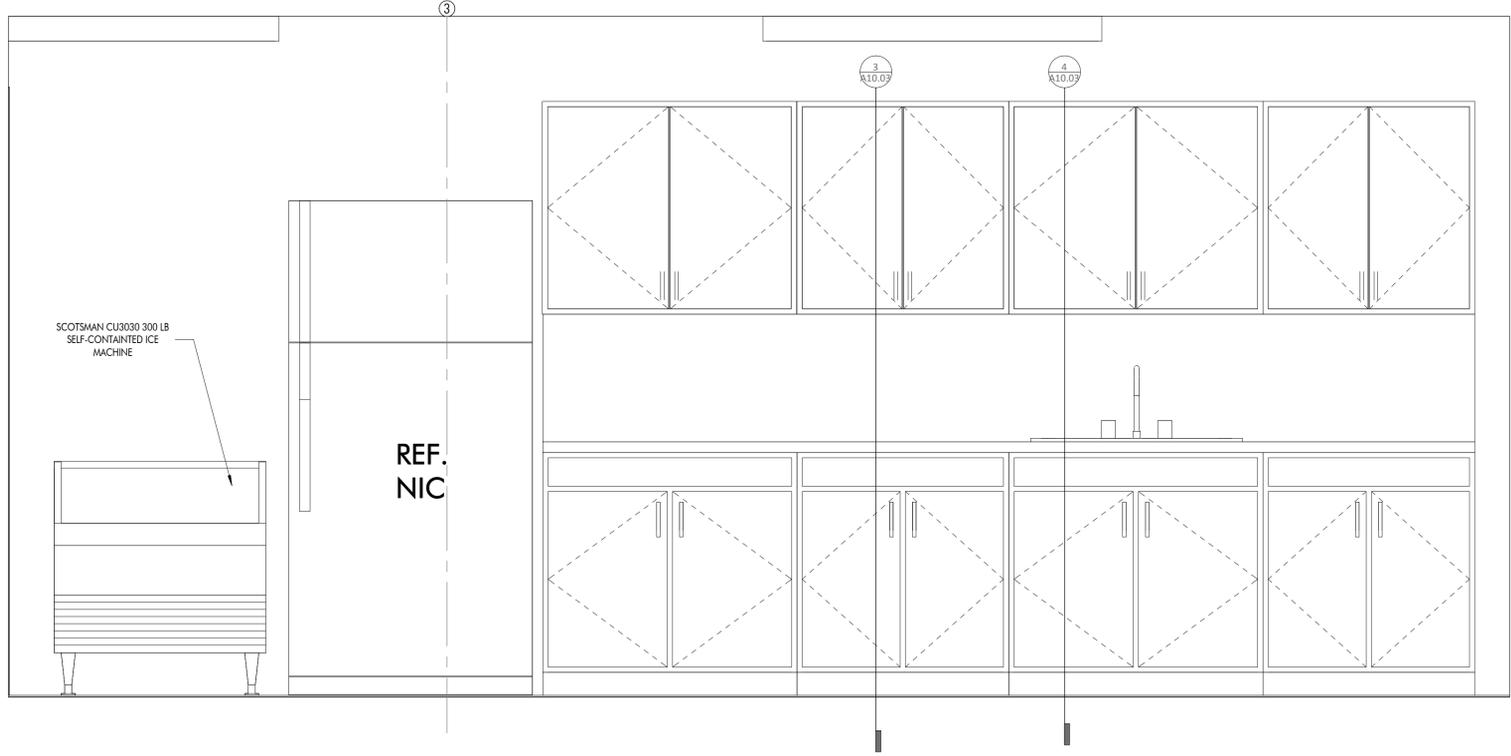


These drawings are the property of DOMAIN ARCHITECTURE APAC, and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein. Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

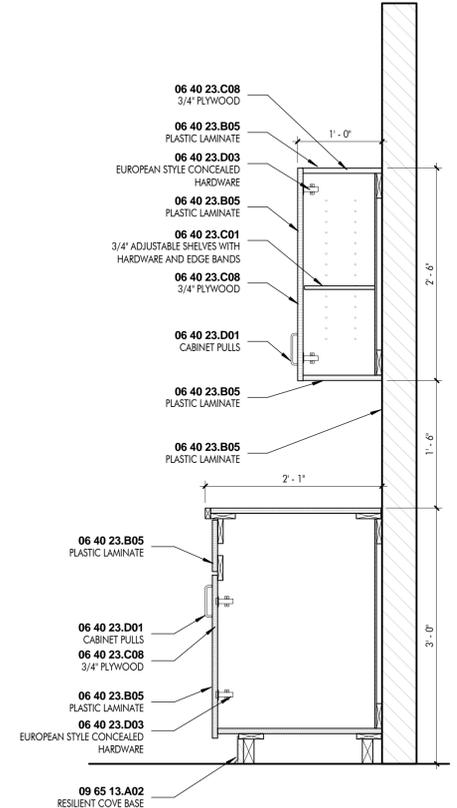


\*TEXT TO BE CONFIRMED BY ARCHITECT PRIOR TO MANUFACTURING.

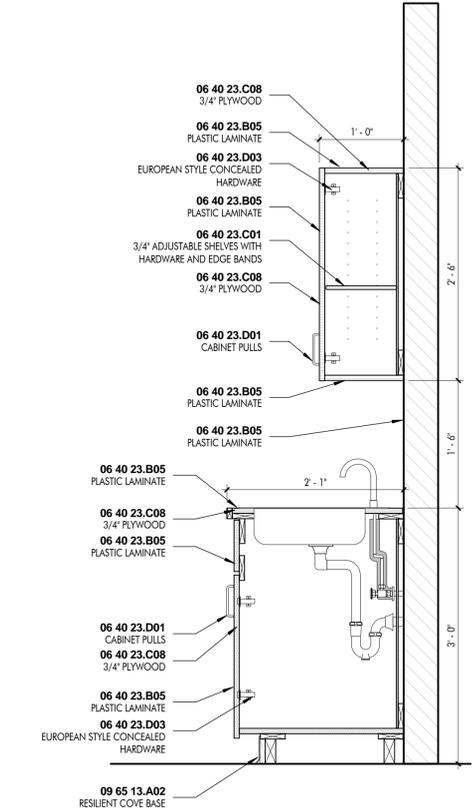
**1** SIGNAGE PLAQUES  
6" = 1'-0"



**2** INTERIOR ELEVATIONS  
1" = 1'-0"



**3** MILLWORK DETAIL  
1" = 1'-0"



**4** MILLWORK DETAIL  
1" = 1'-0"

RENOVATIONS  
**SB # 1672 CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

civil engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
METAIRIE, LA 70006

revisions		
No.	Description	Date
2	ADDENDUM 3	8/5/2016

date  
**05 AUGUST 2016**

sheet  
**A10.03**

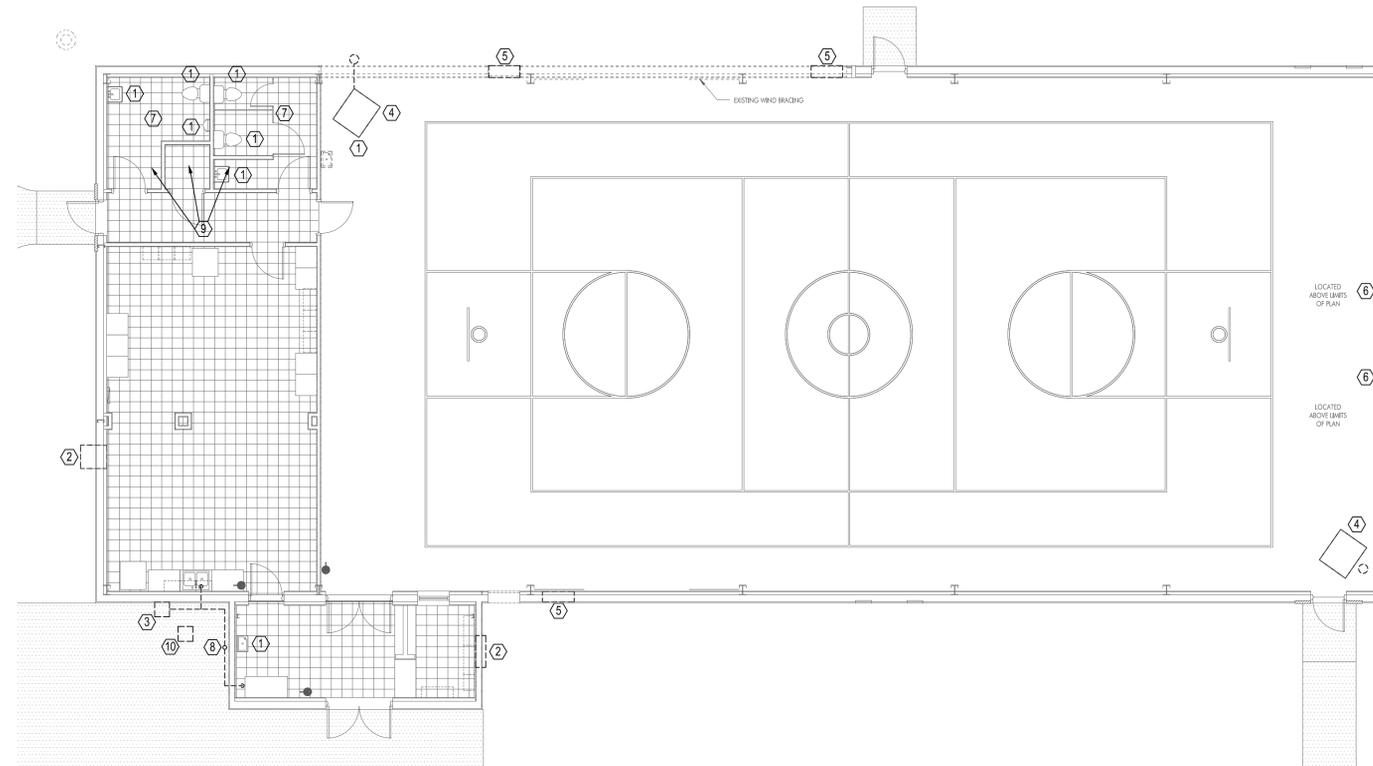




These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



**GENERAL NOTES THIS SHEET:**

1. EXISTING MECHANICAL TO REMAIN UNLESS NOTED OTHERWISE.
2. MAINTAIN SERVICE TO EXISTING PLUMBING AND HVAC ITEMS TO REMAIN. VERIFY ON SITE.

**SPECIFIC NOTES THIS SHEET:**

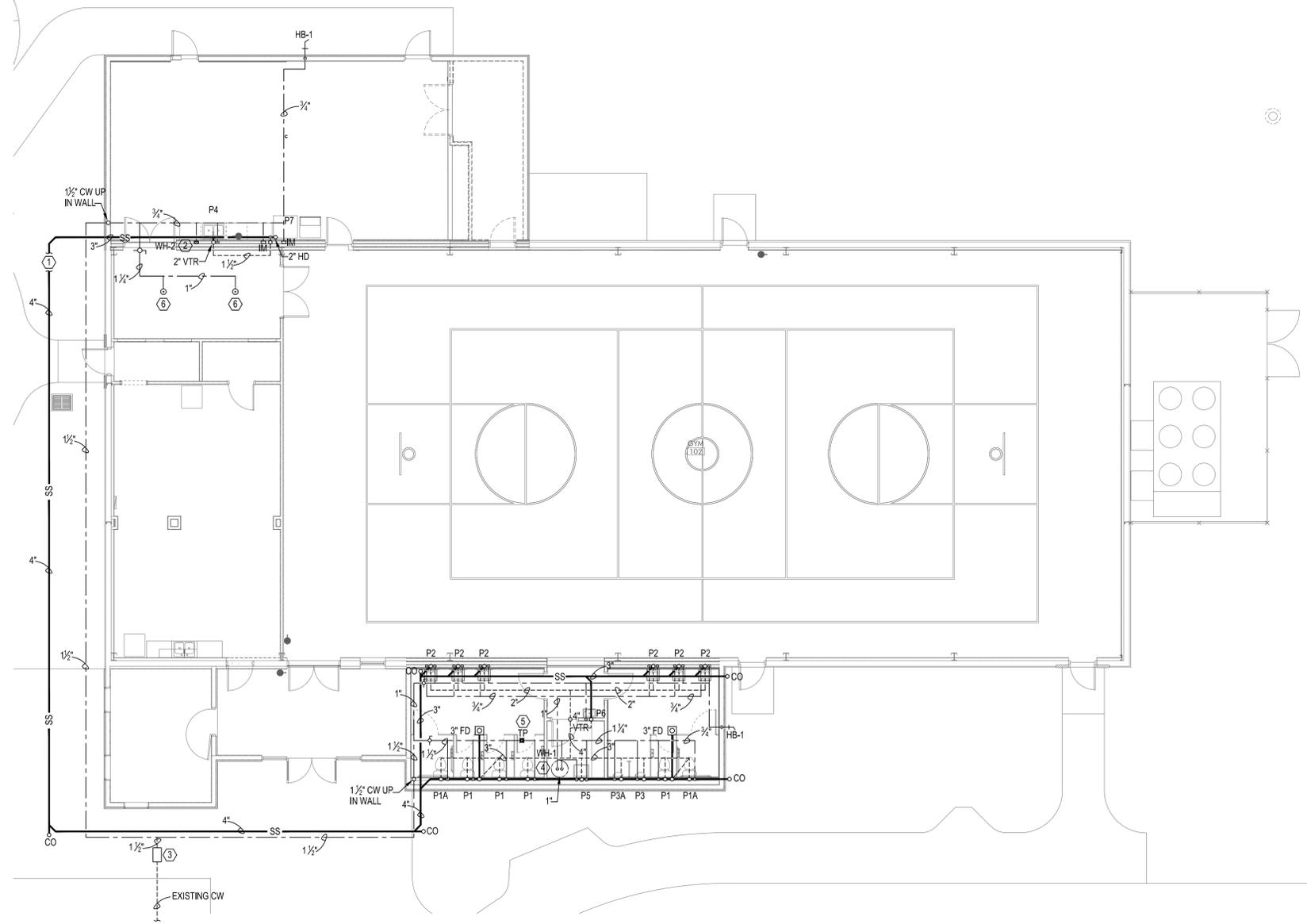
- ① REMOVE EXISTING PLUMBING FIXTURE. CAP PIPING ABOVE CEILING OR BELOW SLAB AS REQUIRED FOR COMPLETE DEMOLITION.
- ② REMOVE EXISTING WINDOW A/C UNIT.
- ③ EXISTING GAS METER TO BE REMOVED WHEN GAS UNIT HEATERS ARE TAKEN OUT OF SERVICE. REMOVE ALL GAS PIPING FROM GAS METER AND INSIDE BUILDING. VERIFY ON SITE.
- ④ REMOVE EXISTING GAS UNIT HEATER, GAS PIPING AND FLUE.
- ⑤ REMOVE EXISTING LOUVERS. COORDINATE WITH ARCHITECTURAL.
- ⑥ REMOVE EXISTING EXHAUST FANS.
- ⑦ REMOVE EXISTING FLOOR DRAIN. CAP PIPING BELOW SLAB.
- ⑧ REMOVE EXISTING VENT PIPING AT BUILDING EXTERIOR.
- ⑨ REMOVE ALL PLUMBING, FIXTURES, WATER HEATER, ETC THIS AREA.
- ⑩ REMOVE EXISTING WATER VALVE BOX. SEE M1.0 FOR NEW LOCATION. CAP WATER LINE.
- ⑪ REMOVE EXISTING EXHAUST FANS, DUCTWORK AND LOUVER.



PROJ. #	ENTER PROJECT #	revisions	
		No.	Description
		3	ADDENDUM 3



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



**GENERAL NOTES THIS SHEET:**

1. ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
2. VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
3. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
4. INSULATE HORIZONTAL RUN OF WASTE PIPING RECEIVING A/C CONDENSATE.
5. INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
6. ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
7. ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
8. PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
9. PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
10. MINIMUM VENT THRU ROOF SHALL BE 2'.
11. ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE. FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
12. ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
13. FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
14. FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
15. PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
16. ALL LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES. USE LEONARD MODEL LF-370 OR LAWLER MODEL 570 WITH 3/4" FITTINGS.

**GENERAL NOTES THIS SHEET:**

- ① CONNECT TO EXISTING SEWER. VERIFY EXACT LOCATION ON SITE.
- ② POINT OF USE ELECTRIC WATER HEATER IN BASE CABINET.
- ③ PROVIDE NEW CONCRETE VALVE BOX WITH CAST IRON COVER. CONNECT TO EXISTING COLD WATER AND PROVIDE NEW 1 1/2" SHUT OFF VALVE.
- ④ ELECTRIC WATER HEATER. SEE DETAIL ON M4.0
- ⑤ TRAP PRIMER ABOVE CEILING. RUN 1/2" TRAP PRIMER LINE DOWN WALL TO FLOOR DRAIN(S). SEE DETAIL ON M4.0.
- ⑥ PROVIDE QUICK RESPONSE RECESSED SPRINKLER HOOD OFF OF DOMESTIC WATER SYSTEM PER NFPA-13 REQUIREMENTS.

AIR CONDITIONING AND ADDITION TO  
**CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

mechanical / plumbing engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
MERAIRIE, LA 70006

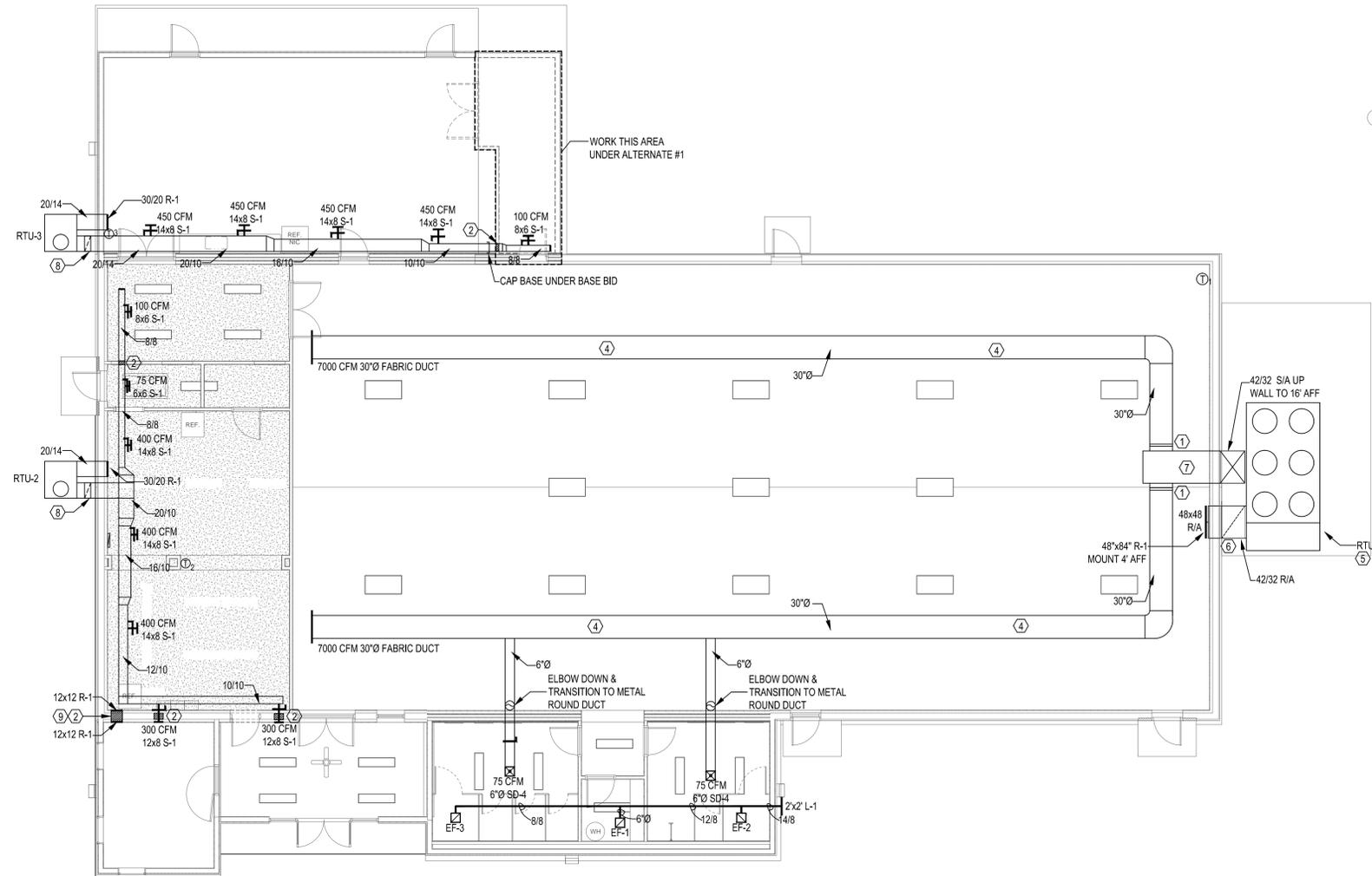
PROJ. #.	ENTER PROJECT #	revisions #	No.	Description	Date
C15-0016a			3	ADDENDUM 3	8-5-16

date  
2 JUNE 2016

sheet



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



GENERAL NOTES THIS SHEET:

- DUCT SIZES SHOWN ARE FREE AREA SIZES. SEE SPECIFICATIONS FOR DUCT MATERIALS AND INSULATION.
- ALL DUCTWORK SHALL BE EXTERNALLY WRAPPED UNLESS NOTED OTHERWISE. INTERNALLY LINE ALL DUCTWORK FOR FIRST 10' OF SUPPLY AND RETURN FROM UNIT.
- PROVIDE VOLUME DAMPERS AT ALL TAPS INTO MAIN DUCT RUNS.
- INSULATE THE BACK OF ALL DIFFUSERS. SEE DETAIL.
- NO FLEX DUCT RUN SHALL EXCEED 8 FEET.
- FLEX DUCT RUN OUTS TO DIFFUSERS SHALL BE SIZED SAME AS DIFFUSER NECK SIZE. FASTEN THE INNER HELIX AND OUTER JACKET OF FLEX DUCTS TO DIFFUSERS AND DUCTS WITH NYLON TIE WRAPS.
- PROVIDE FLEXIBLE CONNECTIONS AT SUPPLY AND RETURN CONNECTIONS TO AC UNITS.
- TOILET EXHAUST FANS TO BE INTERLOCKED WITH ROOM LIGHT SWITCH.
- ALL NEW DUCTWORK SHALL BE RUN ABOVE CEILINGS AND TIGHT TO STRUCTURE. COORDINATE WITH OTHER TRADES AND MAKE OFFSETS WHERE REQUIRED.
- PROVIDE ACCESS TO ALL EQUIPMENT, INCLUDING ACCESS PANELS WHERE REQUIRED.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE WALLS AND PROVIDE FIRE DAMPERS IN ALL RATED WALLS AND FLOORS. PROVIDE FIRE DAMPERS IN ALL OUTSIDE AIR INTAKES.

GENERAL NOTES THIS SHEET:

- TRANSITION TO FABRIC DUCT.
- 1½ HOUR FIRE DAMPER.
- TAP S/A PLENUM WITH 36" Ø DOUBLE WALL SPIRAL DUCT AND ELBOW TO HORIZONTAL. PROVIDE FABRIC DUCT ATTACHMENT TO 35" Ø DUCT SPIRAL.
- FABRIC DUCT. SEE DETAIL ON M4.0 AND SEE SPECIFICATIONS.
- PACKAGED ROOFTOP UNIT MOUNTED ON SLAB. SEE DETAIL ON M4.0
- TRANSITION 42/32 R/A DUCT TO 48/48 RETURN AIR GRILLE.
- 42/32 SUPPLY PLENUM.
- RUN DUCT UP EXTERIOR WALL AND ENTER BUILDING ABOVE CEILING.
- R/A TRANSFER GRILLES.

AIR CONDITIONING AND ADDITION TO  
**CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

mechanical / plumbing engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
MERAIRIE, LA 70006

PROJ. #.	ENTER PROJECT #	revisions	No.	Description	Date
			3	ADDENDUM 3	8-5-16

date

2 JUNE 2016

sheet

M2.0



PLUMBING		FIXTURE			SCHEDULE
MARK	FIXTURE	WASTE	H.W.	C.W.	DESCRIPTION
P1A	WC	4"	-	1/2"	ADA FLOOR MOUNTED FLUSH TANK WC
P2A	LAV	1-1/2"	1/2"	1/2"	ADA WALL HUNG LAVATORY
P3	DF	1-1/2"	-	1/2"	ADA WALL MOUNTED ELECTRIC DRINKING FOUNTAIN
P4	SINK	1-1/2"	1/2"	1/2"	COUNTER TOP 2 COMPARTMENT SINK
P5	SS	3"	1/2"	1/2"	MOP SINK
IM	ICE MACH	-	-	1/2"	METAL ICE MAKER WALL BOX
P6	ICE MACH	1-1/2"	-	1/2"	CUBE ICE MAKER WITH WATER FILTER, 250 LBS PER DAY CAPACITY, 120V. MAXX-MIM 250

ELECTRIC		WATER			HEATER		SCHEDULE	
MARK	GAL.	RECOVERY GPH	KW	VOLT	PH	MOUNTING	PIPE SIZE	REMARKS
WH-1	30	23	4.5	208	1	FLOOR	1"	RHEEM ELD30

DIFFUSER	GRILLE	&	REGISTER	SCHEDULE
MARK	DESCRIPTION			
S-1	ALUMINUM DOUBLE DEFLECTION SIDEWALL, 3/4" BLADE SPACING TITUS 300FS			
SD	ARCHITECTURAL PLAQUE ALUMINUM CEILING DIFFUSER WITH 4-WAY PATTERN, 12"X12" SURFACE MOUNT FRAME, ROUND NECK AND OFF WHITE FINISH. TITUS OMNI			
R-1	ALUMINUM HEAVY DUTY SIDEWALL GRILLE WITH 1/2" BLADE SPACING TITUS 60FL			
L-1	EXTRUDED ALUMINUM LOUVER WITH KYNAR FINISH. SEE SPECS			

- NOTES:
1. PROVIDE PLASTER FRAME FOR DIFFUSERS/GRILLES IN SHEETROCK CEILINGS.
  2. PROVIDE PLENUM BOX AT REAR OF ALL RETURN GRILLES SIZED FOR GRILLE NECK FOR CONNECTION OF RETURN DUCTS.
  3. INSULATE BACK OF ALL DIFFUSERS. SEE DETAIL ON DRAWINGS OR AT CONTRACTOR'S OPTION PROVIDE FACTORY BACK PAN INSULATION.
  4. ADJUST LOCATION OF DIFFUSERS AS REQUIRED FOR ANY LIGHT CONFLICTS.

EXHAUST		FAN					SCHEDULE
MARK	CFM	EXT. S.P.	MOTOR		DATA		DESCRIPTION
			WATTS	VOLTS	PHASE	RPM	
EF-1	75	.25	49	120	1	950	CEILING EXHAUST FAN WITH INTEGRAL GRILLE AND BACK DRAFT DAMPER. PROVIDE SPEED CONTROLLER. GREENHECK SP-A110
EF-2,3	300	.25	135	120	1	1350	CEILING EXHAUST FAN WITH INTEGRAL GRILLE AND BACK DRAFT DAMPER. PROVIDE SPEED CONTROLLER. GREENHECK SP-A390

ROOFTOP			AIR						UNIT				SCHEDULE			
MARK	TOTAL COOLING MBTUH	SENSIBLE COOLING MBTUH	TOTAL CFM	OUTSIDE AIR CFM	HEATING CAP. BTUH	ENT AIR DB/ WB	LVG AIR DB/ WB	EXT SP IN W.C.	EVAP. CAPACITY			HOT GAS REHEAT		UNIT FLA FUSE	EER COP	DESCRIPTION
									H.P.	VOLTS	PH.	LAT	CAPACITY(MBH)			
RTU-1	466.29	363.73	14500	2000	343.3	75/62	56.3/56.3	1.0	15	208	3	-	-	188 225	9.7 2.8	DX VAV ROOFTOP HEAT PUMP UNIT. UNIT TO BE HORIZONTAL DISCHARGE, FLAT FILTER, COOLING COIL. UNIT TO HAVE VFD FOR FAN SPEED CONTROL. AAON RN-040-8-0-B604
RTU-2,3	60	45.3	2000	300	13.1 KW	80/67	-	0.5	1	208	3	-	-	36.3 60	13 -	DX ROOFTOP UNIT. UNIT TO BE HORIZONTAL DISCHARGE WITH FLAT FILTER, COOLING COIL AND HOT GAS REHEAT WITH FACTORY DEHUMIDIFICATION CYCLE. TRANE THC067-E3-R-G-B-0-2

MECHANICAL SCHEDULES  
NO SCALE

Crumb Engineering, LLC

4609 fairfield street  
p-504.455.4450

metairie, la 70006  
t-504.455.4451



domain design + noland & wong  
www.domain-dsgn.com  
8316 kelwood avenue  
baton rouge, la 70806  
225.216.3770 ph  
225.216.3771 fax



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

AIR CONDITIONING AND ADDITION TO  
CHURCH STREET RECREATION CENTER

3210 CHURCH STREET, ZACHARY, LA 70791

mechanical / plumbing engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
MERAIRIE, LA 70006

PROJ. #.	ENTER PROJECT #	revisions
No.	Description	Date
3	ADDENDUM 3	8-5-16

date  
2 JUNE 2016

sheet

M3.0





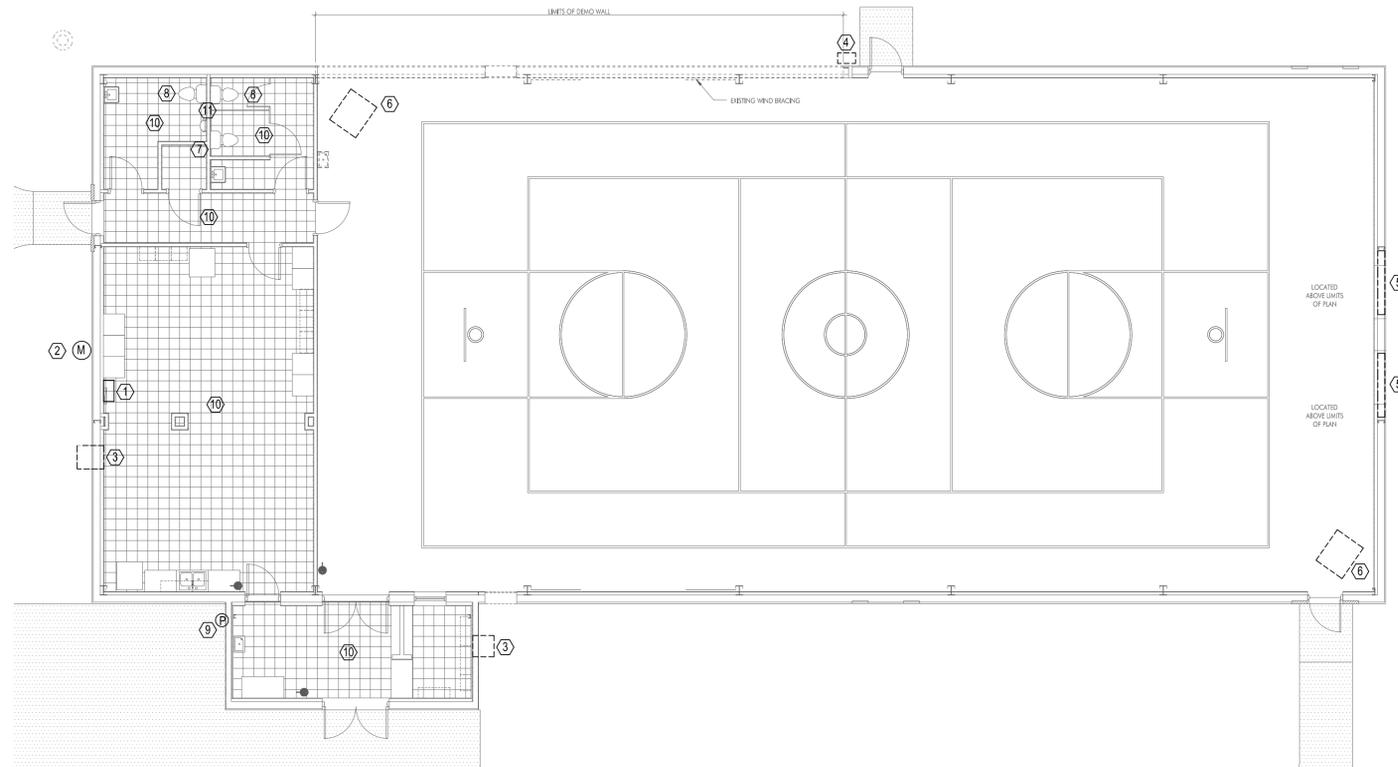
These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

**GENERAL NOTES THIS SHEET:**

1. EXISTING ELECTRICAL TO REMAIN UNLESS NOTED OTHERWISE.
2. MAINTAIN CIRCUIT CONTINUITY TO EXISTING ELECTRICAL TO REMAIN. VERIFY ON SITE.

**SPECIFIC NOTES THIS SHEET:**

- ① EXISTING ELECTRICAL PANEL IN ATTIC TO REMAIN.
- ② EXISTING ENTERGY METER TO BE REMOVED AND REPLACED WITH DISCONNECT SWITCH DURING SERVICE CHANGE OVER.
- ③ REMOVE POWER FOR WINDOW A/C UNIT.
- ④ EXISTING EXTERIOR LIGHT TO BE REMOVED.
- ⑤ REMOVE POWER FOR EXISTING FANS BACK TO PANEL.
- ⑥ REMOVE DISCONNECT, WIRE AND CONDUIT FOR UNIT HEATER BACK TO PANEL.
- ⑦ REMOVE POWER FOR EXISTING WATER HEATER BACK TO PANEL.
- ⑧ REMOVE POWER FOR EXHAUST FANS BACK TO PANEL.
- ⑨ RELOCATE & EXTEND WIRING FOR EXISTING PHOTOCCELL TO NEW EXTERIOR WALL OF BUILDING.
- ⑩ EXISTING LIGHTS THIS AREA TO BE REMOVED AND REPLACED. SEE E1.0 REMOVE EXISTING LIGHTS CONDUIT, WIRE AND SWITCHES.
- ⑪ REMOVE POWER AND DEVICES THIS AREA AS REQUIRED FOR WALL DEMOLITION.



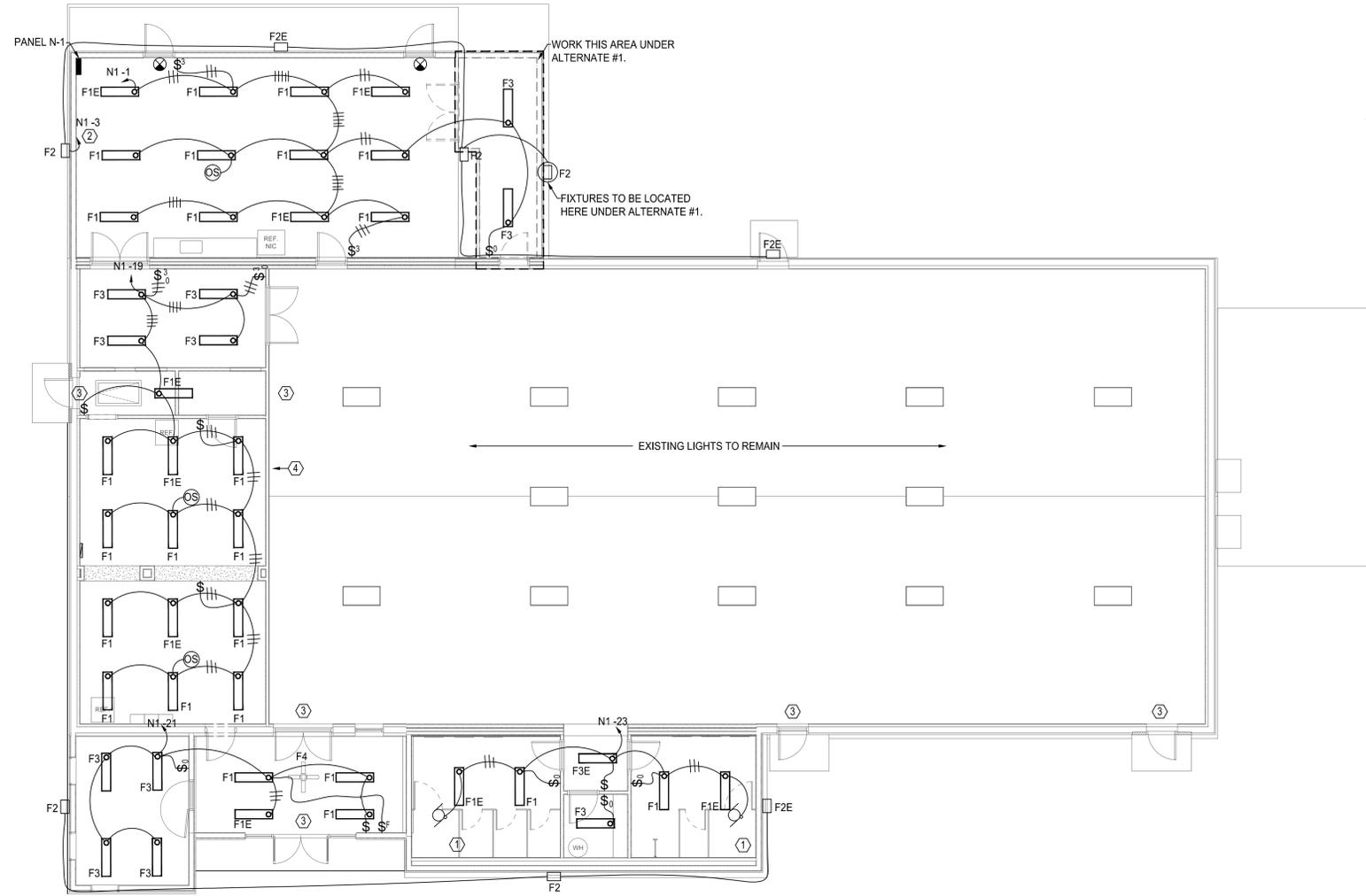
PROJ. #	ENTER PROJECT #	revisions	
		No.	Description
		3	ADDENDUM 3



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.



**GENERAL NOTES THIS SHEET:**

1. ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE, CENTER FIXTURES WHERE APPLICABLE, REFER TO ARCHITECT'S REFLECTED CEILING PLAN AND ARCHITECT'S ELEVATIONS FOR FIXTURE LOCATIONS.
2. ALL FIXTURES SHALL BE TYPE F1 UNLESS NOTED OTHERWISE.
3. INSTALL FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, PROVIDE ALL NECESSARY WIRING, SWITCHES AND MOUNTING HARDWARE.
4. ALL CONDUIT SHALL BE 1/2" WITH 2#12 AWG & 1#12 GRD UNLESS NOTED OTHERWISE. WIRE MULTI-WAY SWITCHES IN ACCORDANCE WITH THE PRODUCT LITERATURE.
5. GROUNDING SHALL BE IN ACCORDANCE WITH NEC ART. 250.
6. EXIT LIGHTS TO BE WIRED TO N1-5.

**SPECIFIC NOTES THIS SHEET:**

- ① EXHAUST FAN TO BE WIRED TO ROOM LIGHT SWITCH. PROVIDE TOGGLE DISCONNECT SWITCH MOUNT AND WIRED SPEED CONTROLLER ON FAN HOUSING.
- ② RUN THROUGH PHOTO CELL ON NORTH SIDE OF BUILDING.
- ③ EXISTING EXIT SIGN TO REMAIN.
- ④ EXISTING ATTIC SIGNS TO REMAIN.

AIR CONDITIONING AND ADDITION TO  
**CHURCH STREET RECREATION CENTER**

3210 CHURCH STREET, ZACHARY, LA 70791

mechanical / plumbing engineer:  
**CRUMB ENGINEERING, LLC**  
4609 FAIRFIELD STREET  
MERAIRIE, LA 70006

PROJ. #	ENTER PROJECT #	revisions
No.	Description	Date
3	ADDENDUM 3	8-5-16

date  
2 JUNE 2016

sheet

**E1.0**





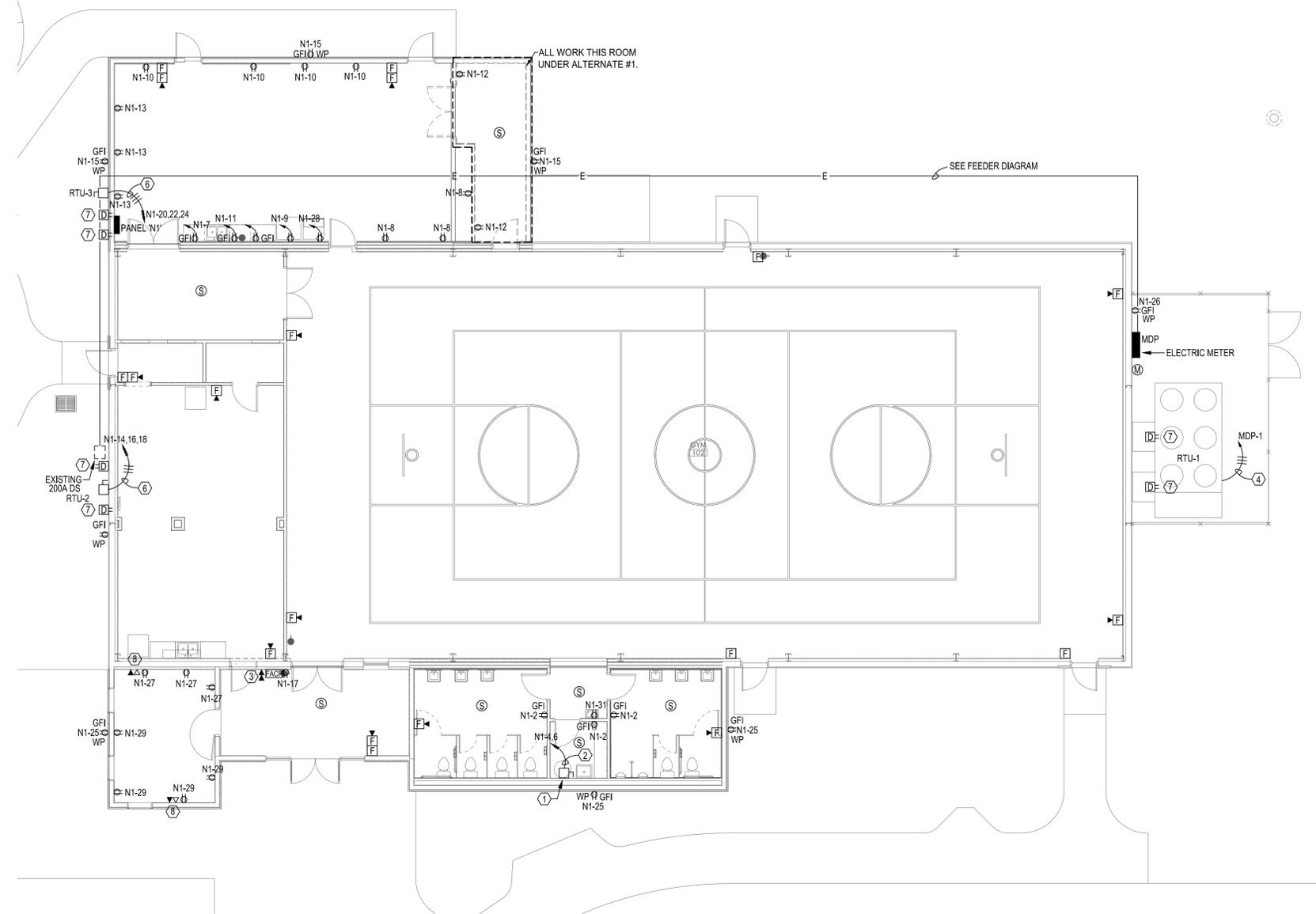
These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

**GENERAL NOTES THIS SHEET:**

1. REFER TO ARCHITECT'S FLOOR PLANS AND ARCHITECT'S ELEVATIONS FOR RECEPTACLE AND OUTLET LOCATIONS.
2. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. DO NOT SHARE NEUTRAL CONDUCTORS.
3. ALL CONDUIT SHALL BE 1/2" WITH 2#12 AWG & 1#12 GRD UNLESS NOTED OTHERWISE.
4. GROUNDING SHALL BE IN ACCORDANCE WITH NEC ART. 250.
5. PROVIDE POWER FOR ALL EQUIPMENT SHOWN ON MECHANICAL AND ARCHITECTURAL FLOOR PLANS.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEC.
7. PROVIDE FIRE ALARM SYSTEM WITH MANUAL ACTIVATION PER NFPA-72.

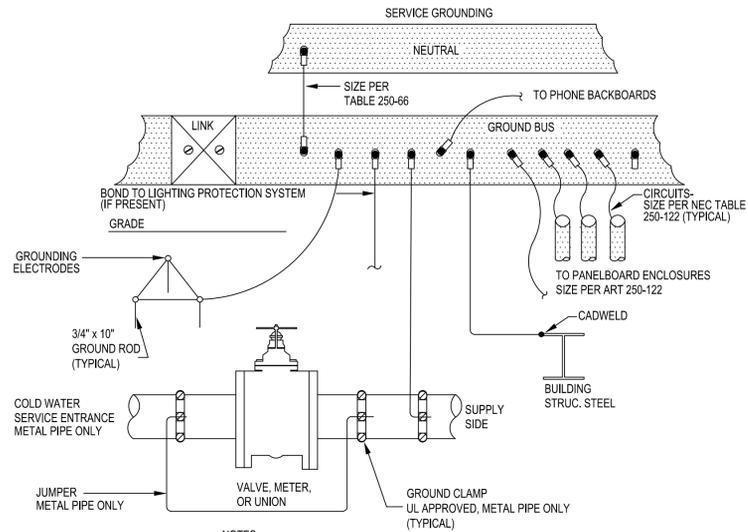
**SPECIFIC NOTES THIS SHEET:**

- ① 30A, 2P NEMA-1 DS.
- ② 1/2" C, 2# 10 AWG & 1# 10 GRD.
- ③ 2 CAT 5 TELEPHONE LINES FOR FIRE ALARM. RUN TO EXISTING TELEPHONE BACKBOARD.
- ④ 2 1/2" C, 3# 4/0 AWG & 1# 4 GRD.
- ⑤ 60A, 3P, NEMA-3R DS.
- ⑥ 1" C, 3# 6 AWG & 1# 10 GRD.
- ⑦ DUCT DETECTOR.
- ⑧ 1 DATA AND 1 PHONE. RUN TO EXISTING IT SERVICE.



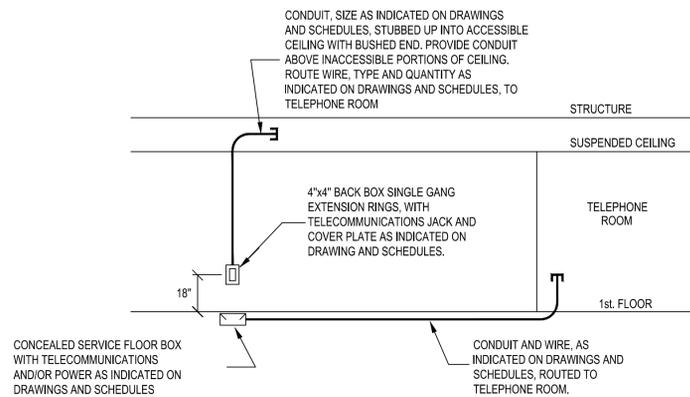
PROJ. #	ENTER PROJECT #	No.	Description	Date
		3	ADDENDUM 3	8-5-16

LIGHTING		FIXTURE	SCHEDULE
MARK	DESCRIPTION		LAMP
F1	SURFACE MOUNTED FLUORESCENT WRAP AROUND FIXTURE METALUX 4WN3-28T8-A120V-EB8		3-28W T8 120V
F1E	SAME AS 'F1' EXCEPT PROVIDE EMERGENCY BALLAST METALUX 4WN3-28T8-A120V-EL		3-28W T8 120V
F2	LED MEDIUM WALL PACK LUMARK CF-FC-2A-120V-E		28W LED 120V
F2E	SAME AS 'F2' EXCEPT PROVIDE EMERGENCY BALLAST LUMARK CF-FC-2A-120V-E-EM140		42W CF 120V
⊗	THERMOPLASTIC LED EXIT LIGHT		LED 120V
F3	SAME AS 'F1' EXCEPT 2 LAMP METALUX 4WN3-28T8-A120V-EB8		2-28W T8 120V
F3E	SAME AS 'F1E' EXCEPT 2 LAMP METALUX 4WN3-28T8-A120V-EL		2-28W T8 120V

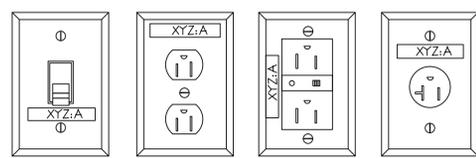


- NOTES:
1. PROVIDE GROUNDING CONDUCTORS PER NEC 250.
  2. SEE SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS.

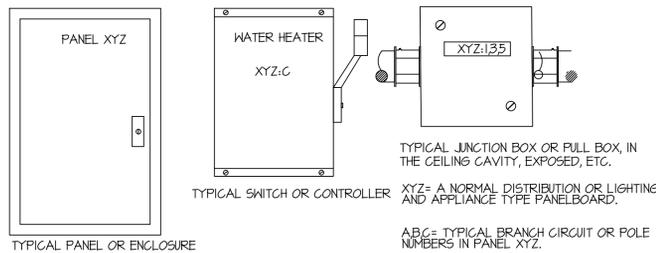
**ELECTRICAL SERVICE GROUNDING DETAIL**  
NO SCALE



**TYPICAL TELECOMMUNICATIONS INSTALLATION DETAIL**  
NO SCALE



TYPICAL DEVICE LABELING



**DEVICE AND EQUIPMENT LABELING DETAIL**  
NO SCALE



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.

Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

PROJ. #.	ENTER PROJECT #	revisions
No.	Description	Date
3	ADDENDUM 3	8-5-16



These drawings are the property of DOMAIN ARCHITECTURE APAC and are not to be reproduced in whole or in part. They are only to be used for the project and site specifically identified herein.  
Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.  
These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

AIR CONDITIONING AND ADDITION TO  
CHURCH STREET RECREATION CENTER

3210 CHURCH STREET, ZACHARY, LA 70791

mechanical / plumbing engineer:  
CRUMB ENGINEERING, LLC  
4609 FAIRFIELD STREET  
MERRAIRIE, LA 70006

PROJ. #	ENTER PROJECT #	No.	Description	Date
		3	ADDENDUM 3	8-5-16

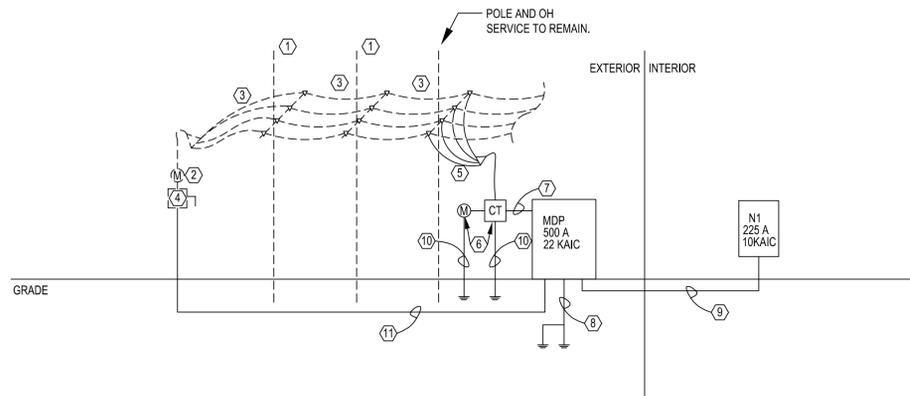
date  
2 JUNE 2016

sheet

E3.1

FEEDER DIAGRAM SPECIFIC NOTES:

- ① EXISTING ENTERGY POLE TO BE REMOVED.
- ② EXISTING ENTERGY METER TO BE REMOVED.
- ③ EXISTING OH SERVICE TO BE REMOVED.
- ④ EXISTING 200A, 3P, 4W SERVICE DISCONNECT TO REMAIN AND BE REFEED.
- ⑤ NEW ENTERGY SERVICE.
- ⑥ NEW CT CABINET AND METER PER ENTERGY REQUIREMENTS.
- ⑦ 2 SETS OF 4" C WITH 4- 500 KCMIL IN EACH.
- ⑧ #1/0 GRD TO 2 x 3/4" x 10' COPPER BONDED DRIVEN GROUND RODS.
- ⑨ 2 1/2" C, 4- 300 KCMIL AL AND 1# 4 GRD.
- ⑩ GROUND PER ENTERGY REQUIREMENTS.
- ⑪ 2 1/2" C, 4-250 KCMIL AL AND 1# 4 GRD.



**ELECTRICAL FEEDER DIAGRAM**  
NO SCALE

CKT NO.	CIRCUIT NAME	BREAKER AMP	LOAD VA	USE	PH	USE	LOAD VA	BREAKER AMP	CIRCUIT NAME	CKT NO.
1	EXISTING SERVICE	225	22550	E	A	M	15000	200	EXISTING SERVICE	2
3			22550	E	B	M	15000			4
5	RTU-1		22550	E	C	M	15000			6
7	SPARE	20	500	S	A	M	500	20	SPARE	8
9		225	15825	M	B	M	500	20	SPARE	10
11			15825	M	C	S	500	20	SPARE	12
13	PAENL N1		15825	M	A	S	500	20	SPARE	14
15	SPARE	20	500	S	B	S	500	20	SPARE	16
17	SPARE	20	500	S	C	S	500	20	SPARE	18
19	SPARE	20	500	S	A	S	500	20	SPARE	20
21	SPARE	20	500	S	B	S	500	20	SPARE	22
23	SPARE	20	500	S	C	S	500	20	SPARE	24
25	SPARE	20	500	S	A	S	500	20	SPARE	26
27	SPARE	20	500	S	B	S	500	20	SPARE	28
29	SPARE	20	500	S	C	S	500	20	SPARE	30
31	SPARE	20	500	S	A	S	500	20	SPARE	32
33	SPARE	20	500	S	B	S	500	20	SPARE	34
35	SPARE	20	500	S	C	S	500	20	SPARE	36
37	SPARE	20	500	S	A	S	500	20	SPARE	38
39	SPARE	20	500	S	B	S	500	20	SPARE	40
41	SPARE	20	500	S	C	S	500	20	SPARE	42

	PHASE A	PHASE B	PHASE C	TOT	DEMAND	DEM LOAD
HVAC COOLING LOAD (VA)	22550	22550	22550	67650	1	67650
LIGHTING LOAD (VA)	0	0	0	0	1	0
RECEPTACLE LOAD (VA)	0	0	0	0	1	0
WATER HEATER LOAD (VA)	0	0	0	0	1	0
KITCHEN EQ. LOAD (VA)	0	0	0	0	1	0
MISC EQ. LOAD (VA)	31325	31325	30825	93475	0.8	74780
SPARES (VA)	5000	5000	5000	15500	0.5	7750
HVAC HEATING LOAD (VA)	0	0	0	0	1	0
<b>TOTAL LOAD (VA)</b>	<b>58875</b>	<b>58875</b>	<b>58875</b>	<b>176625</b>		<b>150180</b>

	PHASE A	PHASE B	PHASE C	TOT	DEMAND
TOTAL CONNECTED LOAD KW	176.625	176.625	176.625	529.875	150.2
PHASE A CONNECTED AMPS	283.05			283.05	
PHASE B CONNECTED AMPS		283.05		283.05	
PHASE C CONNECTED AMPS			283.05	283.05	
PHASE A DEMAND AMPS	241			241	
PHASE B DEMAND AMPS		240.7		240.7	
PHASE C DEMAND AMPS			240.7	240.7	
<b>TOTAL CONNECTED AMPS</b>	<b>417.35</b>			<b>417.35</b>	

CKT NO.	CIRCUIT NAME	BREAKER AMP	LOAD VA	USE	PH	USE	LOAD VA	BREAKER AMP	CIRCUIT NAME	CKT NO.
1	LIGHTS	20	1300	L	A	R	1300	20	RECEPTACLES	2
3	EXT LIGHTS	20	500	L	B	W	2250	30	WATER HEATER	4
5	EXT LIGHTS	20	100	L	C	W	2250			6
7	RECEPTACLES	20	600	R	A	R	600	20	RECEPTACLES	8
9	REFRIGERATOR	20	500	R	B	R	800	20	RECEPTACLES	10
11	RECEPTACLES	20	400	R	C	R	600	20	RECEPTACLES	12
13	RECEPTACLES	20	1000	R	A	E	4300	60	RTU-2	14
15	EXT RECEPTACLES	20	600	R	B	E	4300			16
17	FIRE ALARM PANEL	20	250	R	C	E	4300			18
19	LIGHTS	20	1500	L	A	E	4300	60	RTU-3	20
21	LIGHTS	20	1000	L	B	E	4300			22
23	SPARE	20	1500	L	C	E	4300			24
25	LIGHTS	20	400	R	A	R	200	20	EXT RECEPTACLES	26
27	EXT RECEPTACLES	20	600	R	B	K	800	20	ICE MACHINE	28
29	RECEPTACLES	20	800	R	C	S	500	20	SPARE	30
31	RECEPTACLES	20	800	R	A	S	500	20	SPARE	32
33	DRINKING FOUNTAIN	20	500	S	B	S	500	20	SPARE	34
35	SPARE	20	500	S	C	S	500	20	SPARE	36
37	SPARE	20	500	S	A	S	500	20	SPARE	38
39	SPARE	20	500	S	B	S	500	20	SPARE	40
41	SPARE	20	500	S	C	S	500	20	SPARE	42

	PHASE A	PHASE B	PHASE C	TOT	DEMAND	DEM LOAD
HVAC COOLING LOAD (VA)	8600	8600	8600	25800	1	25800
LIGHTING LOAD (VA)	2800	1500	1600	5900	1	5900
RECEPTACLE LOAD (VA)	4900	2500	2050	9450	1	9450
WATER HEATER LOAD (VA)	0	2250	2250	4500	1	4500
KITCHEN EQ. LOAD (VA)	0	800	0	800	1	800
MISC EQ. LOAD (VA)	0	0	0	0	1	0
SPARES (VA)	1500	2000	2500	6000	0.5	3000
HVAC HEATING LOAD (VA)	0	0	0	0	1	0
<b>TOTAL LOAD (VA)</b>	<b>17800</b>	<b>17650</b>	<b>17000</b>	<b>52450</b>		<b>49450</b>

	PHASE A	PHASE B	PHASE C	TOT	DEMAND
TOTAL CONNECTED LOAD KW	52.45	52.45	52.45	157.35	49.5
PHASE A CONNECTED AMPS	85.58			85.58	
PHASE B CONNECTED AMPS		84.86		84.86	
PHASE C CONNECTED AMPS			81.73	81.73	
PHASE A DEMAND AMPS	81			81	
PHASE B DEMAND AMPS		80.0		80.0	
PHASE C DEMAND AMPS			77.1	77.1	
<b>TOTAL CONNECTED AMPS</b>	<b>137.42</b>			<b>137.42</b>	