



**ADDITIONS AND ALTERATIONS TO EXISTING
BUILDING TO ACCOMMODATE
JOHNSON CITY JUVENILE COURT
607 – 609 MYRTLE AVENUE
JOHNSON CITY, TENNESSEE
TWA PROJECT 011-049**

01-02-13

January 2, 2013

ADDENDUM NO. 3

- 1. Refer to Specifications Section 00 1113 Advertisement for Bids:**
 - a. Refer to paragraph 1.1, L; Delete paragraph L. Contractors Qualification Statement is not required.
 - b. Refer to paragraph 1.4, B; General Contractors are required to attend pre-bid conference. Subcontractors and vendors may attend the pre-bid conference but their attendance is not mandatory.
- 2. Refer to Specifications Section 01 5000 Temporary Facilities and Controls:**
 - a. Refer to paragraph 3.9, C; delete reference to 6' tall commercial grade chain link temporary fencing. Temporary construction fencing to be HDX orange barrier fencing, model 998044, 4' tall. Provide with temporary fence posts and required accessories.
- 3. Refer to Specifications 01 7123 Field Engineering:**
 - a. Refer to paragraph 1.3, A and B; submittal to be an as-built survey showing elevations, inverts and layout of new work included in this contract. The as-built survey is to be provided with the close out documents.
- 4. Refer to Specifications 04 0523 Adjustable Concealed Lintel System:**
 - a. Insert attached new specification section 04 0523 Adjustable Concealed Lintel System.
 - b. Concealed lintel system required at new brick openings / arches at Waiting / Lobby 102.
- 5. Refer to Specifications 06 4600 Wood Trim:**
 - a. Refer to paragraph 2.1, A; Add to the list of acceptable manufacturers for exterior wood shutters:

Exterior Solutions
401 W 142 Jack London Street
St Charles, IL 60175
Phone 866-760-2846
www.ExteriorSolutions.com

Legends Shutters
AGI Group

6311 Porter Road
Sarasota, FL 34240
Phone 941-377-5336 (toll free 888-795-9441)
www.DecorativeShutters.com

- b. Refer to Paragraph 2.1, A; Add to the list of acceptable manufacturers for wood trim:

Hardwood Mouldings
1155 Shipp Street,
Kingsport, TN 37660
Phone: 423-392-0579

- c. Refer to Paragraph 2.1, A; interior wood trim and exterior wood shutters may be fabricated by qualified local millwork fabricators to the specifications noted in this section.

6. Refer to Specifications 07 3113 Asphalt Shingles:

- a. Refer to paragraph 1.6, A; Furnish Weather Stopper System Plus Ltd Warranty, 100% coverage for and materials for 40 years with the first 20 years non pro-rated.
b. Refer to paragraph 1.6, C; Delete paragraph C.

7. Refer to Specifications 07 5300 Elastomeric Membrane Roofing:

- a. Refer to paragraph 2.1, A; Add to the list of acceptable manufacturers for EPDM roofing:

Versico
P O Box 1289
Carlisle, PA 17013
Phone 800-992-7663
www.versico.com

GenFlex
250 West 96th Street
Indianapolis, IN 46260
Phone: 800-443-4272
www.genflex.com

- b. Refer to paragraph 2.1, A; Delete Johns Manville from the list of acceptable manufacturers for EPDM roofing:
c. Refer to paragraph 2.2, B-5; Roofing membrane color to be **WHITE**.

8. Refer to Specifications 10 7500 Flagpoles:

- a. Refer to paragraph 2.1, A; add to the list of acceptable manufacturers for flagpoles:

Elder Flag Manufacturing
1000 W Rawson Avenue

Oak Creek, WI 53154
Phone: 800-558-6044

9. Refer to Drawing C1-1:

- a. Existing pavement markings may be removed by either scarifying or blacked out with asphalt sealer.

10. Refer to Drawing AD-3:

- a. Demolition of existing low slope roofing system to include complete removal of existing attached EPDM membrane / insulation and original built roofing system / insulation down to surface of existing steel roof deck.

11. Refer to Drawing A-3:

- a. Delete references to new 'attached' EPDM roof. All new EPDM roofing to be 'ADHERED'.

12. Refer to Drawing A-3a:

- a. Delete references to new 'attached' EPDM roof. All new EPDM roofing to be 'ADHERED'.

13. Refer to Drawing A-8:

- a. Insert attached revised drawing A-8 noting owner approved interior finish and color selections.

14. Refer to Drawing A-8.1:

- a. Insert attached new drawing A-8.1.

15. Refer to Drawing A-9:

- a. Insert attached revised drawing A-9.

16. Refer to Drawing A-12:

- a. Insert attached revised drawing A-12.

17. Refer to Drawing A-13:

- a. Insert attached revised drawing A-13.

18. Refer to Drawing A-14:

- a. Insert attached revised drawing A-14.

19. Refer to Drawing A-21:

- a. Refer to Wall Section 8 / A-21; foundation wall to be constructed with 8" and 4" CMU similar to wall sections 6 / S-4 and 7 / S-4.

20. Refer to Drawing E-1:

- a. The two (2) 4" communication conduits can run exposed vertically up the exterior wall and extend concealed overhead in the plenum space to the TTS cabinet.

21. Refer to Drawing E-2:

- a. The two (2) 4" communication conduits can run exposed vertically up the exterior wall and extend concealed overhead in the plenum space to the TTS cabinet.

22. General Items:

- a. Refer to attached mechanical addendum from SEDA dated January 2, 2013.
- b. SEDA mechanical addendum includes a marked up 'Plumbing Plan M-2' from plans prepared by Beeson and Beeson Architects in 1973 for the original building as a reference to the mechanical addendum information.

END OF ADDENDUM NO. 3

**SECTION 04 0523
ADJUSTABLE CONCEALED LINTEL SYSTEM**

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Adjustable concealed lintel system and accessories, including spin system with mid-support if needed.
- B. Support brackets to be attached to framing and mounting channels.

1.2 RELATED REQUIREMENTS

- A. Section 05 1200 – Structural Steel Framing.

1.3 REFERENCE STANDARDS

- A. ASTM A36/A36M – Standard Specification for Carbon Structural Steel.
- B. ASTM A123/A123M – Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- C. ASTM A153/A153M – Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- D. ASTM B633 – Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel.
- E. ASTM F568M – Standard Specification for Carbon and Alloy Steel Externally Threaded Metric Fasteners.
- F. AWS B2.1/B2.1M – Specification for Welding Procedure and Performance Qualification.
- G. AWS D1.1/D1.1M – Structural Welding Code – Steel.

1.4 COORDINATION

- A. Coordinate the Work with installation of component assembly into masonry components without interfering with masonry reinforcement.
- B. Coordinate welding in accordance with AWS B2.1/B2.1M for mid-span support and HALFEN mounting and framing channels.

1.5 SUBMITTALS

- A. Comply with Section 01 3300 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings:
 - 1. Submit manufacturer's shop drawings, indicating component profiles, sizes, connection attachments, anchorage, size and type of fasteners, and accessories.
 - 2. Indicate welded connections using standard welding symbols.
 - 3. Indicate net weld lengths.
- D. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.

- E. Design Data: Submit manufacturer's design data, including structural calculations, signed and sealed by qualified professional engineer registered in state of the installation.
- F. Warranty Documentation: Submit manufacturer's standard warranty.

1.6 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
 - 1. Submit manufacturer's shop drawings, indicating component profiles, sizes, connection attachments, anchorage, size and type of fasteners, and accessories.
 - 2. Minimum of 5 years of experience in manufacture of adjustable concealed lintel system for masonry.
 - 3. Experience in projects of similar scope.
 - 4. Manufacture in accordance with established quality assurance program.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean, dry area indoors.
 - 4. Protect materials and finish during storage, handling, and installation to prevent damage.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Halfen USA Inc., 8521 FM 1976, P.O. Box 547, Converse, TX 78109. Toll Free 800-423-9140. Fax 888-277-1695. www.halfenusa.com. info@halfenusa.com.

2.2 DESIGN CRITERIA

- A. Concealed Lintel Assembly: Lintel shall resist loads as follows without damage or permanent set to components or masonry:
 - 1. Brick Veneer Height: 1 foot, 4 inches above lintel span.

2.3 MATERIALS

- A. Adjustable Concealed Lintel System for Masonry:
 - 1. Concealed Lintel Spines / Horseshoe Plates / Stitching Rods / Mid-span Support: Structural carbon steel, ASTM A36, then hot-dip galvanized, ASTM A123 or A153 as applicable.
 - 2. Channel / Support Brackets / Stitching Rods: Structural carbon steel, ASTM A36, then hot-dip galvanized, ASTM A123 or A153 as applicable.
 - a. Bolts and Nuts:
 - 1) Bolt-Type Fasteners: T-head, in contact with channel slot faces, carbon steel, ASTM F568M.
 - 2) Bolt Diameter: to be designed by manufacturer to match design requirements.
 - 3) Bolt Length: to be designed by manufacturer to match design requirements.
 - 4) Finish for Carbon Steel T-Bolts: Hot-dip galvanized, ASTM A123.
 - 5) Nuts: Carbon steel.

2.4 FABRICATION

- A. Fabricate components to design required and provide for site-required adjustments.
- B. Weld and grind components flush and smooth with adjacent finish surface.
 - 1. Make exposed joints butt tight, flush, and hairline.

2. Ease exposed edges to small uniform radius.

C. Weld components indicated on shop drawings.

2.5 FINISHES

A. Structural Carbon Steel Components and Anchors: Hot-dip galvanized after fabrication, ASTM A123.

PART 3 EXECUTION

3.1 FINISHES

A. Examine areas and supports to receive adjustable concealed lintel system.

B. Verify dimensions, tolerances, and method of attachment with other work.

C. Notify Architect of conditions that would adversely affect installation.

D. Do not begin installation until unacceptable conditions are corrected.

3.2 PREPARATION

A. Supply items required to be placed in masonry with setting templates to appropriate sections.

3.3 INSTALLATION

A. Install adjustable concealed lintel system in accordance with manufacturer's instructions at locations indicated on the Drawings.

B. Install items plumb and level, accurately fitted, free from distortion or defects.

C. Adjust components to suit site conditions.

D. Provide formwork for placement in masonry to maintain true alignment until completion of permanent attachment.

E. Obtain approval from Architect and manufacturer before site cutting or making adjustments not scheduled.

F. Perform field welding in accordance with AWS D1.1/D1.1M where necessary using certified welders.

3.4 TOLERANCES

A. Maximum Variation from Plumb: 1/8 inch (3 mm).

3.5 PROTECTION

A. Protect installed adjustable concealed lintel system from damage during construction.

B. Touch-up damage to factory-applied finishes using appropriate materials and techniques.

END OF SECTION

S
E
D
A

Consulting Engineers
for the
Built Environment

Addendum #3
Johnson City Juvenile Court
Johnson City, TN
SEDA # 112-086

January 2, 2013

The following items are to clarify, add or subtract from the original contract documents.

1. All existing Hose Bibs or Wall Hydrants are to be replaced with new fixture listed below along with new supply lines. The new supply lines are to be connected to the nearest existing or new water lines. The contractor is to field verify the location of fixtures and the nearest water lines.

WALL HYDRANT	<u>Z-1321</u> "ZURN" ANTI-SIPHON AUTOMATIC DRAINING WALL HYDRANT COMPLETE WITH NON-FREEZE INTEGRAL BACKFLOW PREVENT, COPPER CASING, ALL BRONZE INTERNAL PARTS, 1/2 TURN CERAMIC DISC CARTRIDGE, STAINLESS STEEL FACE PLATE WITH OPERATING KEY LOCK.
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2. See attached existing drawing (M-2 Markup) for location of Roof Drain Leaders that are to be relocated.

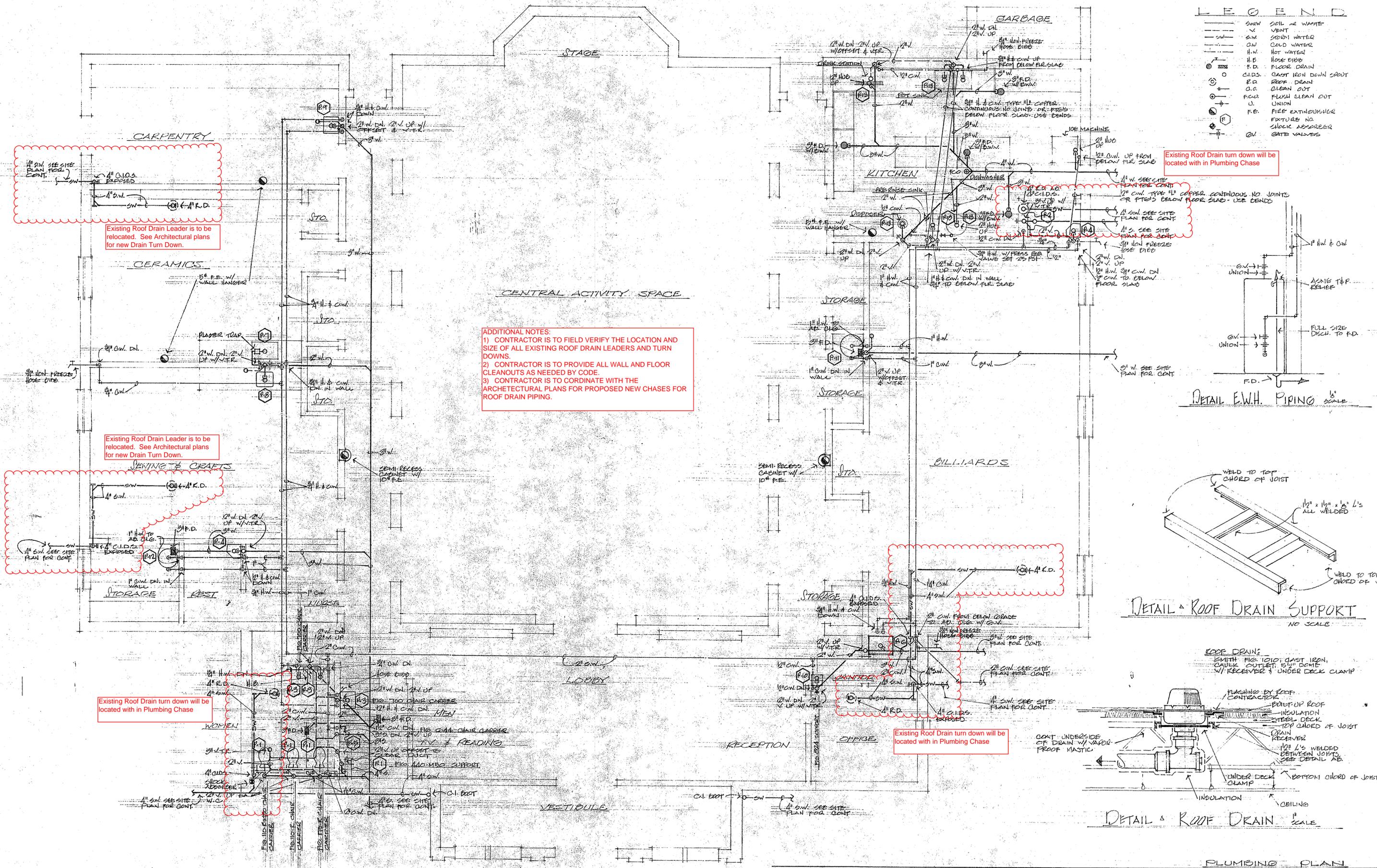
SEDA, Inc.



William P. Malone III, P.E.
Project Engineer
(423) 422-2110
wmalone@seda-llc.com

LEGEND

SW	SOIL OR WASTE
V	VENT
SW	STEIN WATER
CW	COLD WATER
H.W.	HOT WATER
H.B.	HOSE BIBB
F.D.	FLOOR DRAIN
C.I.D.S.	CAST IRON DOWN SPOUT
R.D.	ROOF DRAIN
C.O.	CLEAN OUT
F.C.O.	FLUSH CLEAN OUT
U.	UNION
F.E.	FIRE EXTINGUISHER
+	FIXTURE NO. SHOCK ABSORBER
AV	GATE VALVES



Existing Roof Drain Leader is to be relocated. See Architectural plans for new Drain Turn Down.

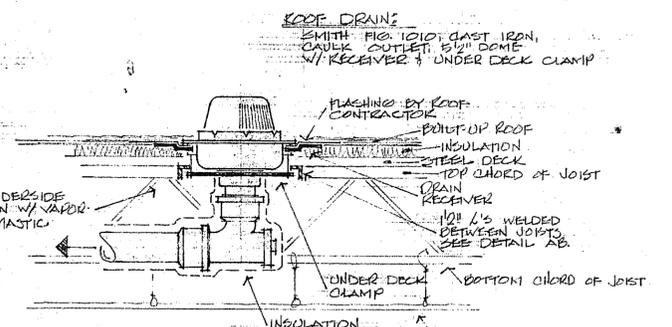
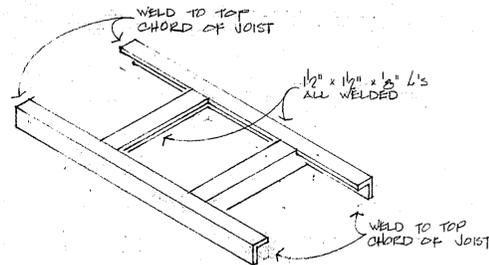
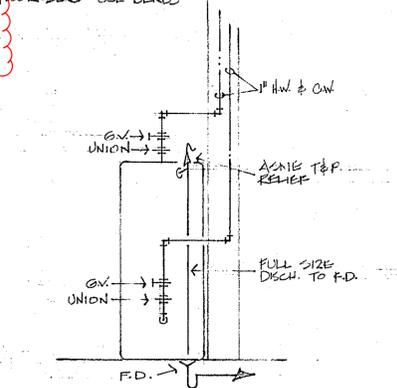
Existing Roof Drain Leader is to be relocated. See Architectural plans for new Drain Turn Down.

Existing Roof Drain turn down will be located with in Plumbing Chase

Existing Roof Drain turn down will be located with in Plumbing Chase

ADDITIONAL NOTES:
 1) CONTRACTOR IS TO FIELD VERIFY THE LOCATION AND SIZE OF ALL EXISTING ROOF DRAIN LEADERS AND TURN DOWNS.
 2) CONTRACTOR IS TO PROVIDE ALL WALL AND FLOOR CLEANOUTS AS NEEDED BY CODE.
 3) CONTRACTOR IS TO COORDINATE WITH THE ARCHITECTURAL PLANS FOR PROPOSED NEW CHASES FOR ROOF DRAIN PIPING.

Existing Roof Drain turn down will be located with in Plumbing Chase



FLOOR PLAN
1/8" SCALE

DATE	REVISIONS	DATE	DRAWN	BEESON AND BEESON ARCHITECTS JOE ALLEN LUSK ASSOC FRANK L. KINSLEY JOHNSON CITY	ARCHITECTS AIA HARRIS A. HARDISON MECH'L ENGINEER TENNESSEE	NEW CENTER FOR SENIOR CITIZENS JOHNSON CITY, TENNESSEE	SHEET NO. M-2 of 3
		12/13/13	FRANK L. KINSLEY				
			CHECKED				