



# Weaver

CONSTRUCTION MANAGEMENT

3679 S Huron Street, Suite 404 Englewood, Colorado 80110

Phone: (303) 789-4111 FAX: (303) 789-4310

## SUBMITTAL TRANSMITTAL

August 7, 2012

**Submittal No: 07501-006**

PROJECT: **Harold Thompson Regional WRF**  
Birdsall Rd.  
Fountain, CO 80817  
Job No. 2908

ENGINEER: **GMS, Inc.**  
611 No. Weber St., #300  
Colorado Springs, CO 80903  
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan  
Sewage Disposal District**  
901 S. Santa Fe Ave.  
Fountain, CO 80817  
719-382-5303 James Heckman

CONTRACTOR: **Heath Steel**  
141 Racquette Dr  
Fort Collins, CO 80522  
970-490-8031 Randy Gates  
rgates@heathsteel.com

SUBJECT: Submittal for Blower Building Wall Panels by Custom Panels

SPEC SECTION: 07501

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: \_\_\_ YES  x  NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and, unless indicated otherwise, has been found to be in conformance with the intent of the contract documents.

Contractor's Stamp:

Engineer's Stamp:

Date: 8/7/12

Reviewed by: Adam Roeder

( ) Reviewed Without Comments

(X) Reviewed With Comments

ENGINEER'S  
COMMENTS:

**Project: HDTWRF Project**

**Location: Fountain, CO**

**Supplier: Heath Steel**

**Date: 8/7/12**

**Submittal 07501-06 Blower Building Wall Panels by Custom Panels.**

**Additional Submittal Review Comments:**

1. The wall panel openings on the construction drawings from GMS do not match the RO dimensions that we have from Kuck Mechanical. On all wall openings for the blower building we need to go with the dimensions that we have from Kuck. Kuck's submittal to follow.

EF-1 & 2 = 63-3/4" square stacked over each other, located per arch. plans (would like about 8" between fans if possible)

Louver L-1 & 2 = 72x72 net opening, stacked over each other, located per arch. plan

Louver L-3 & 4 = 54 wide x 95 tall net opening, located per arch. plans (95" tall could be a typo on the mechanical plans, 96" is more common-please confirm)

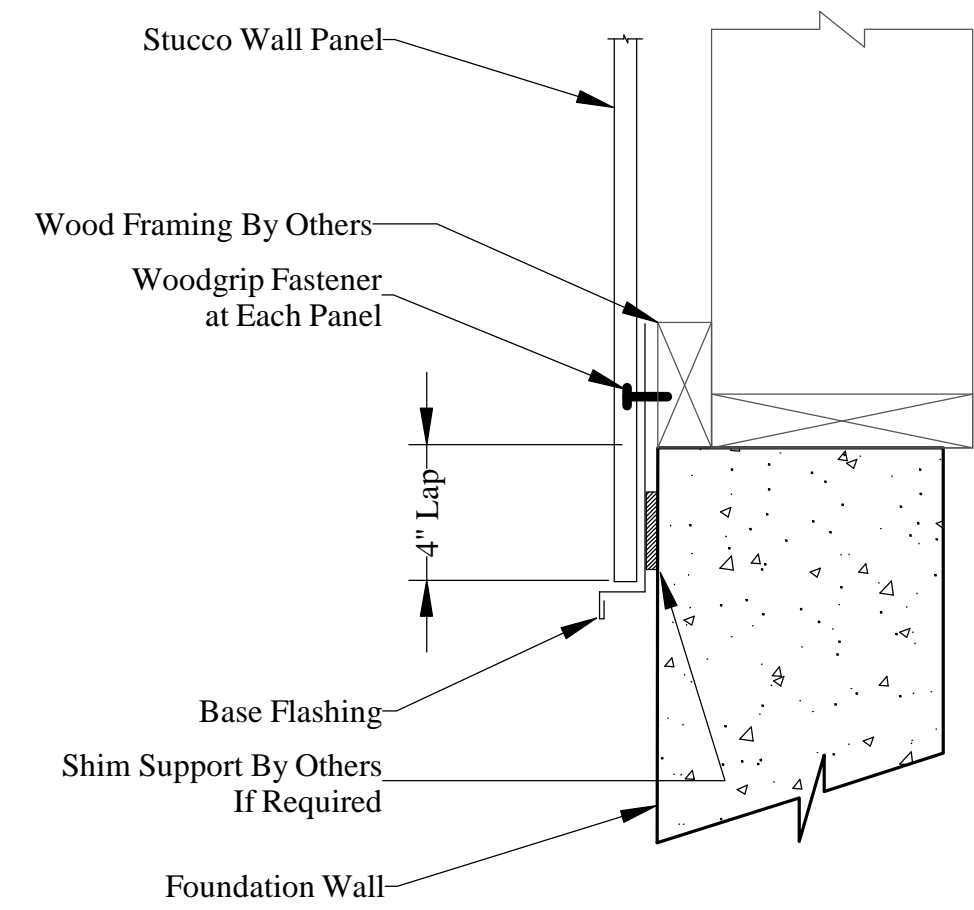
Supply register in electrical room = 42-1/4 wide x 20-1/4 tall, located 10' AFF

Return grille in electrical room = 20-1/4 wide x 36-1/4 tall, located approx 12" AFF.

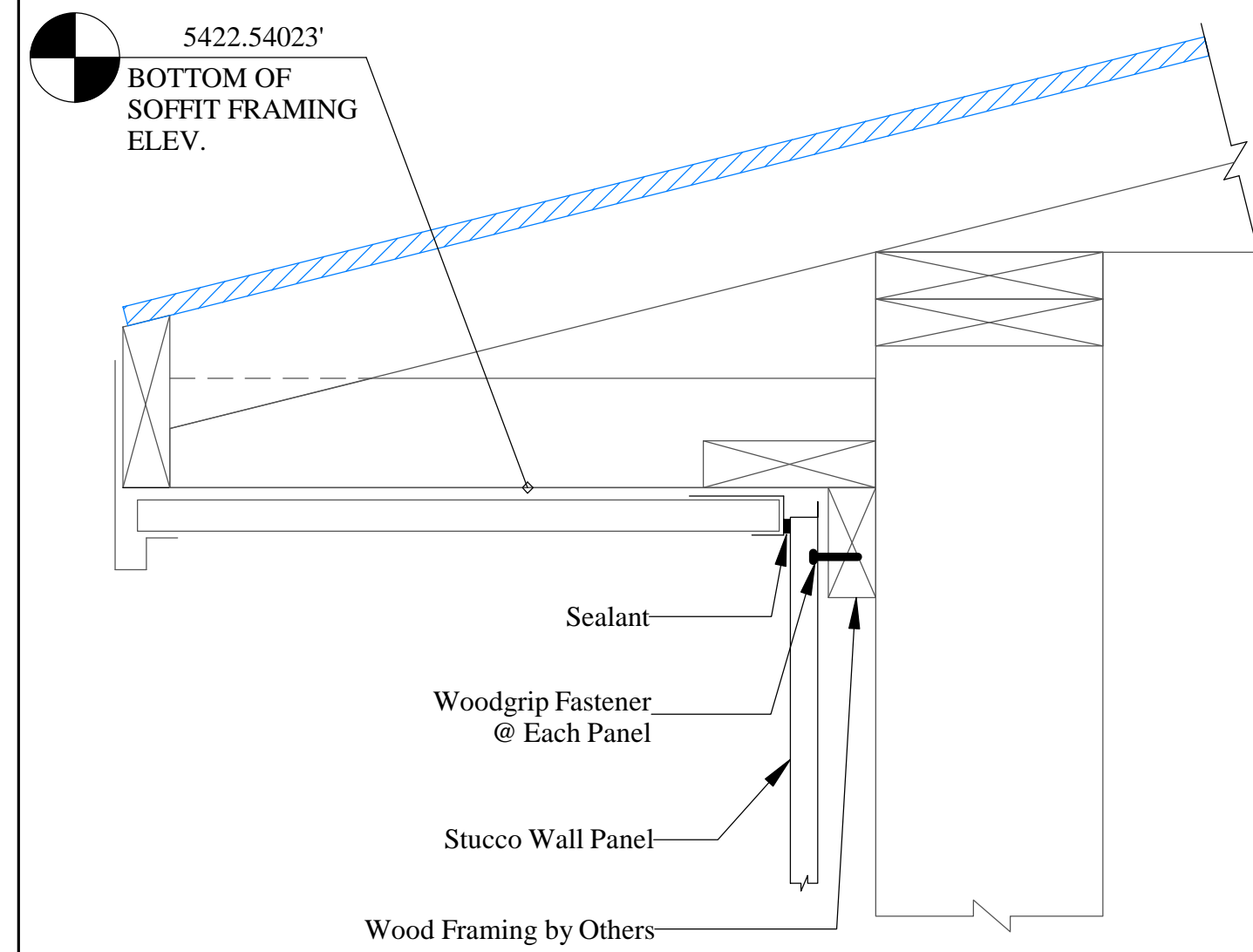
2. Heath Steel has requested that GMS determine the horizontal wood framing spacing based on the attached screw specified pull-out value. The panel can span 4' and that is what we used on the metal building, but on this building the screw's pull-out value will determine the required spacing. WCM concurs with Heath's request.

**Reviewed by Adam Roeder**

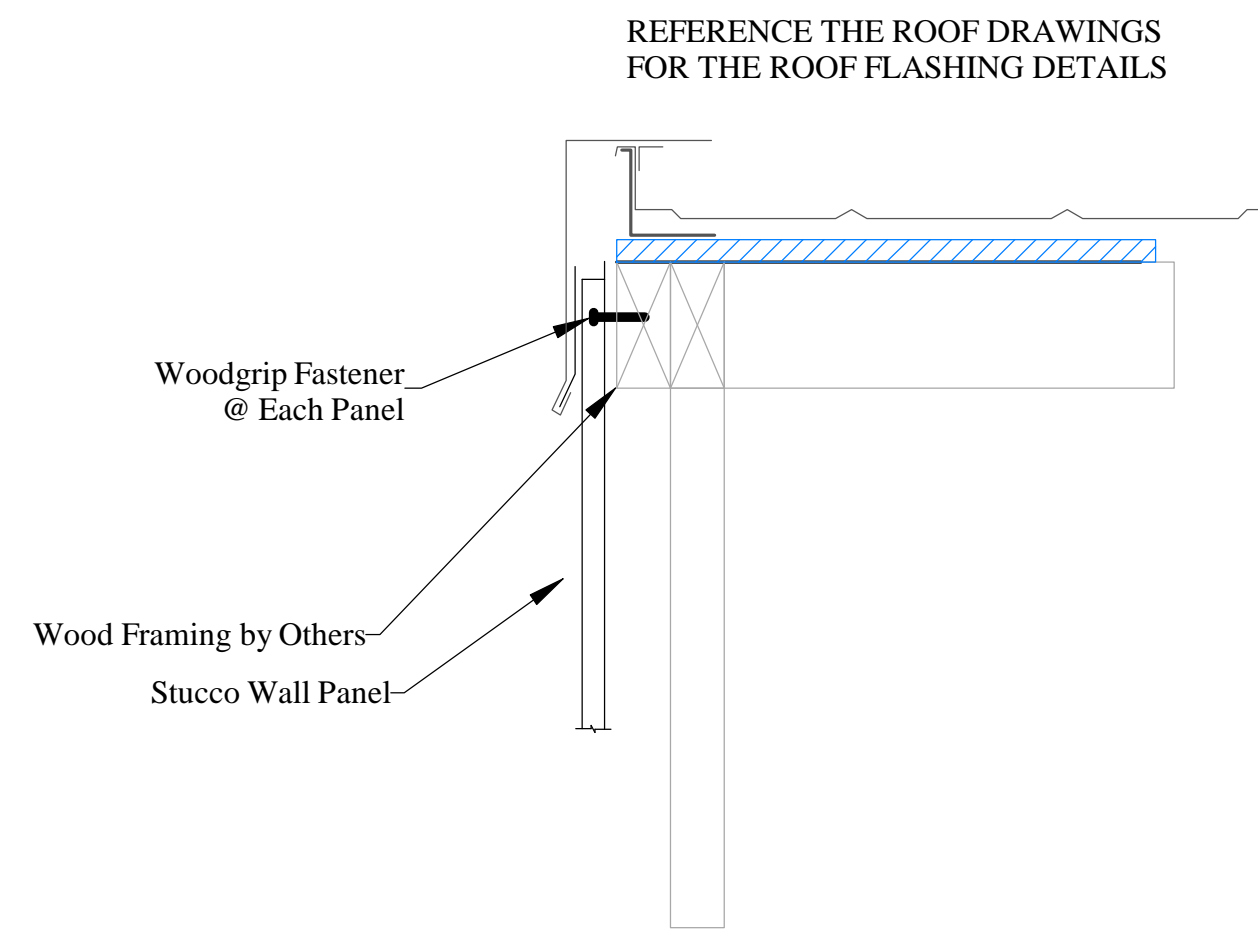
**End of Review**



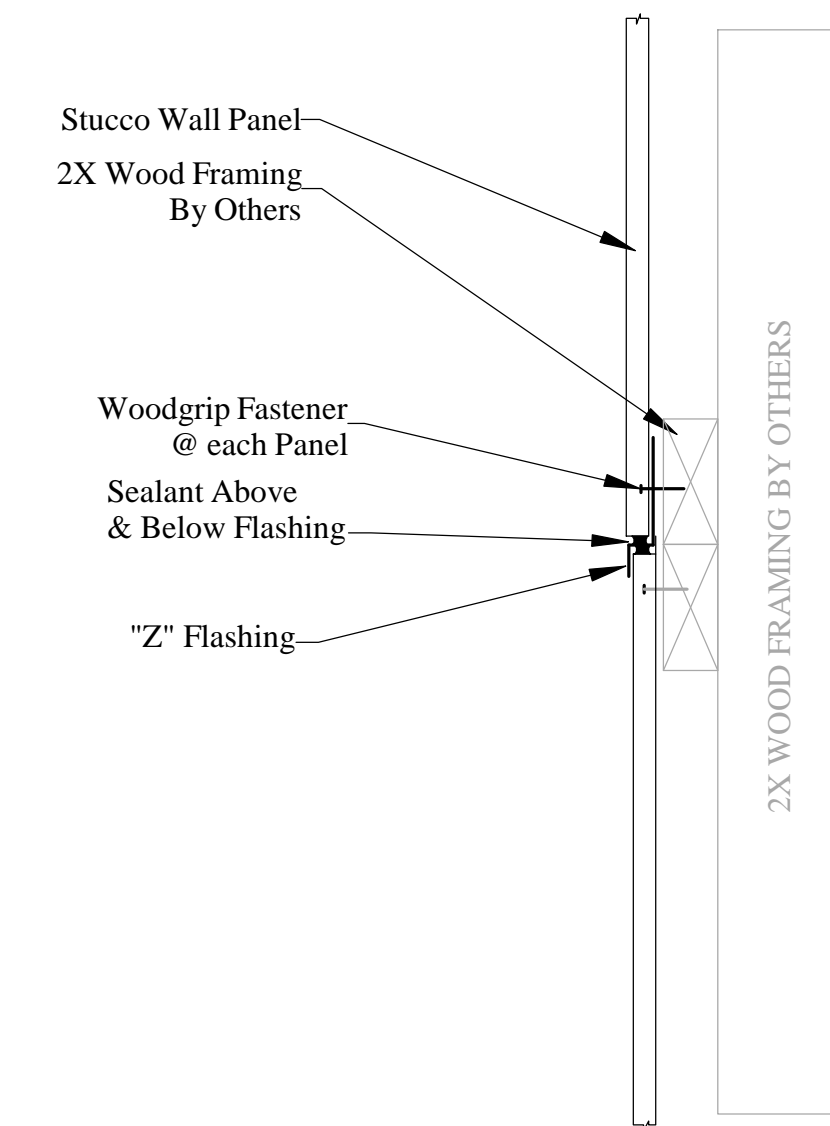
TYPICAL WALL PANEL BASE DETAIL



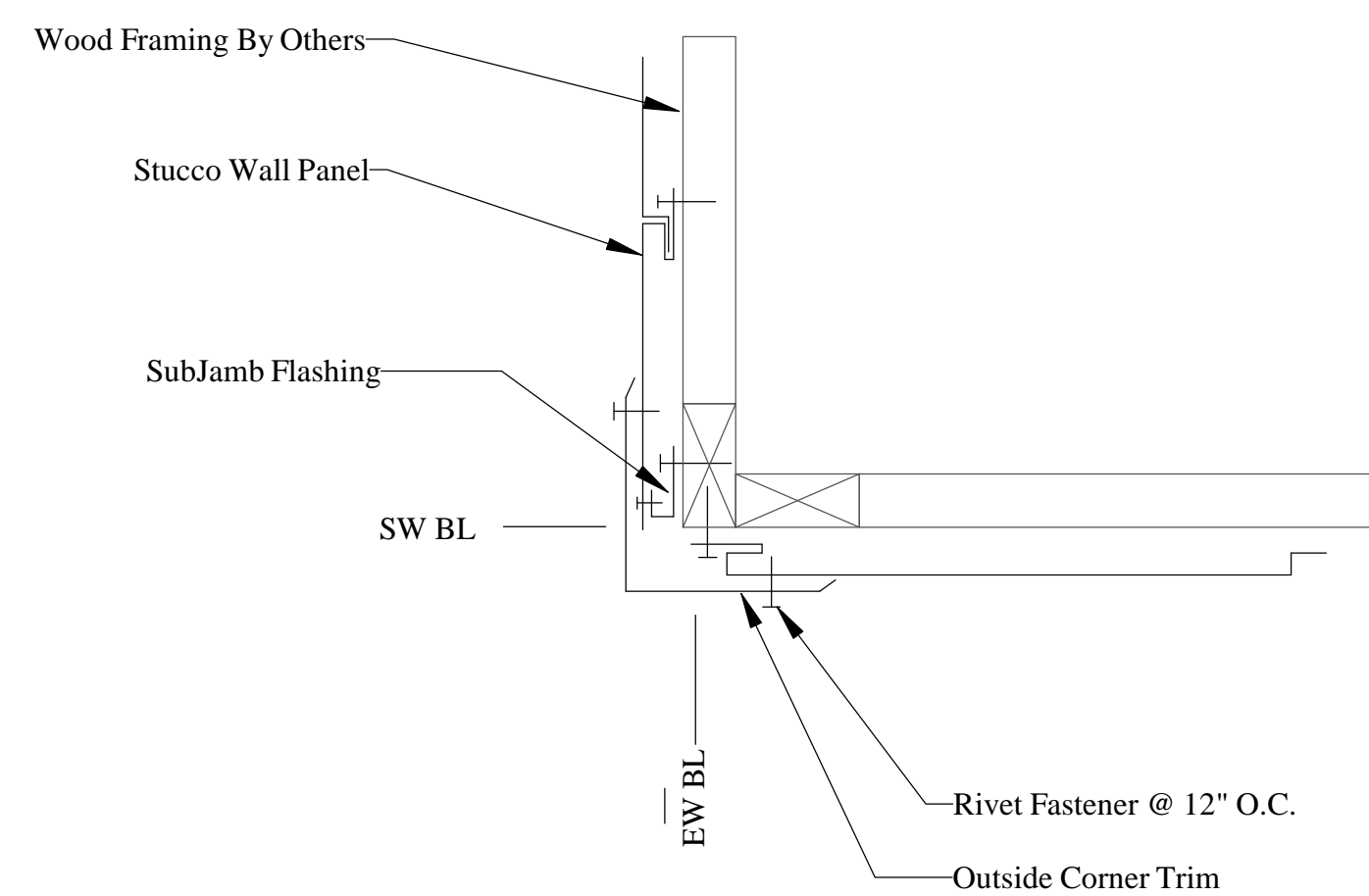
TYPICAL WALL PANEL EAVE DETAIL



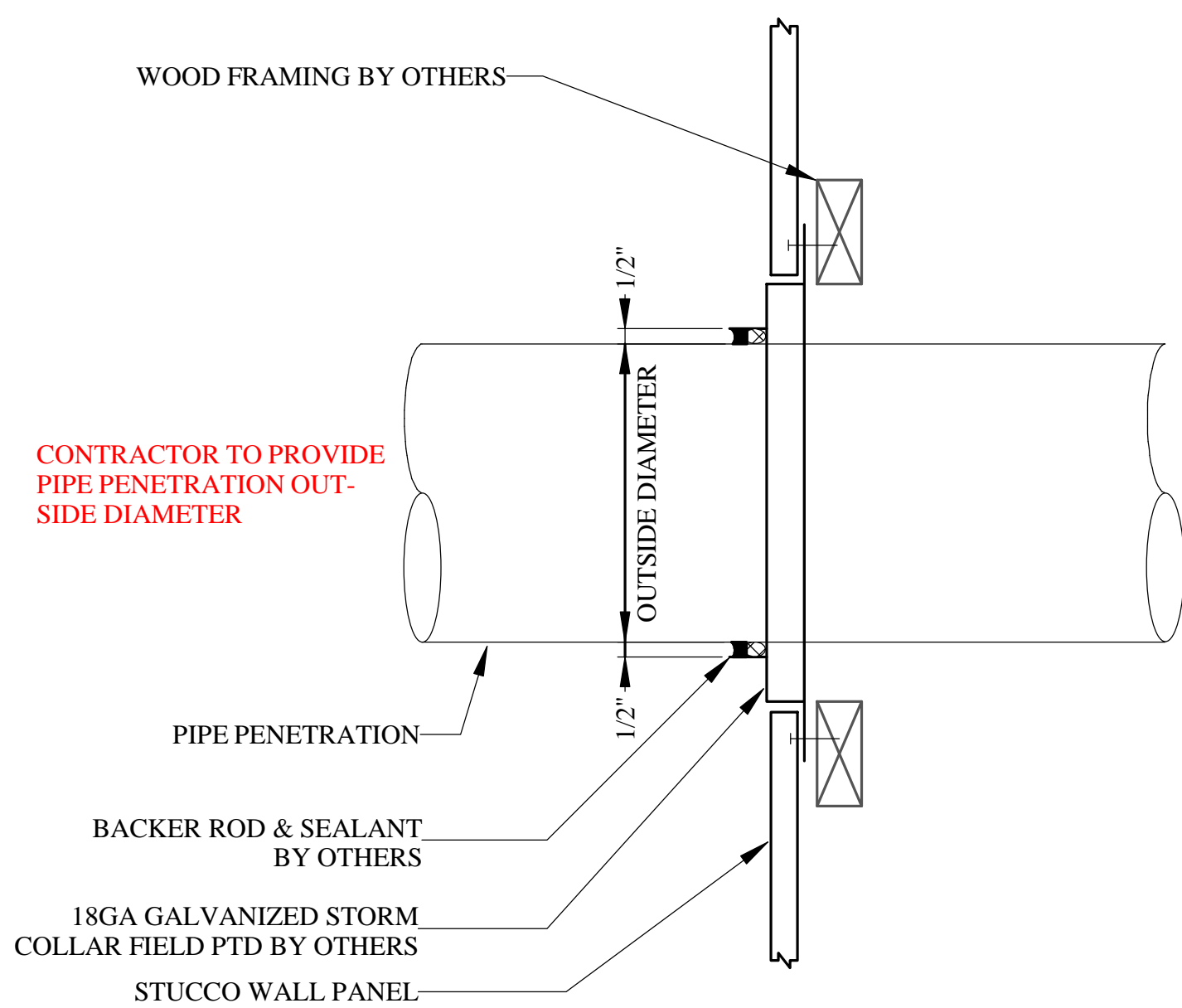
TYPICAL WALL PANEL RAKE DETAIL



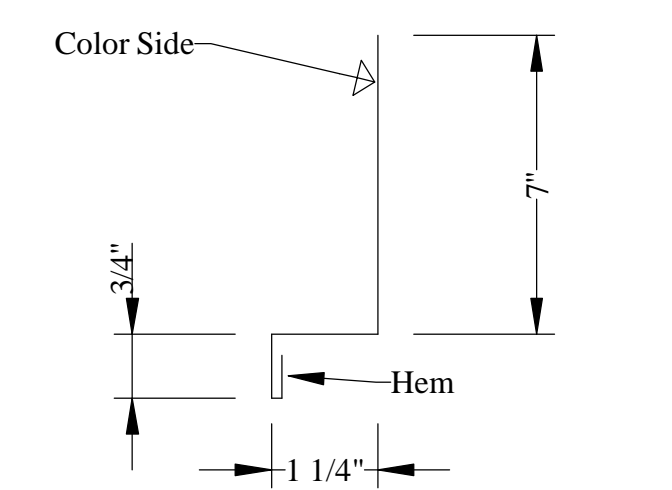
TYPICAL STACKED WALL PANEL JOINT DETAIL



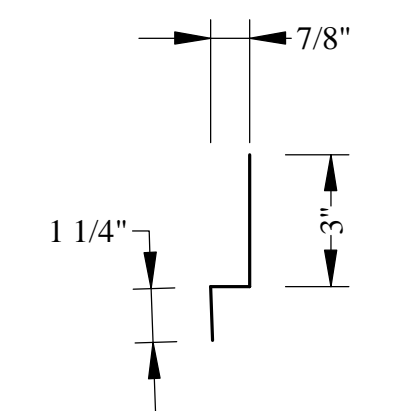
TYPICAL WALL OUTSIDE CORNER DETAIL



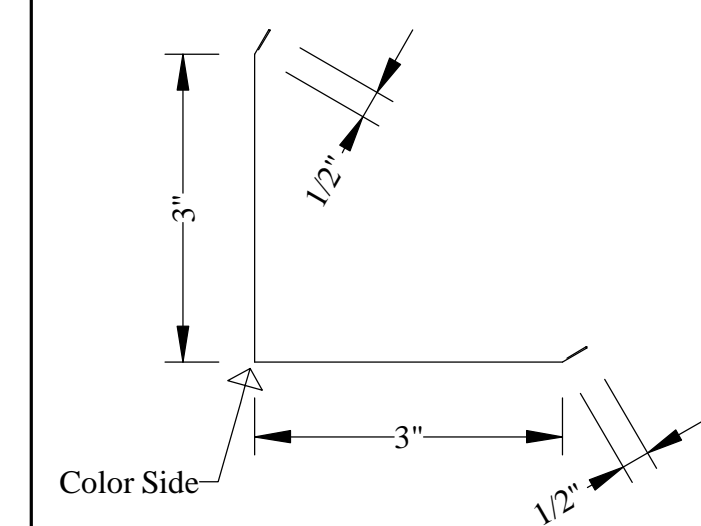
SECTION THROUGH STORM COLLAR



OUTER BASE FLASHING  
Not to Scale



"Z" FLASHING  
Not to Scale



OUTSIDE CORNER TRIM  
Not to Scale



HEATH STEEL  
P.O. BOX 473  
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(970) 490-8031

HAROLD D. THOMPSON  
REGIONAL WATER RECLAMATION FACILITY  
BLOWER BUILDING  
14641 LOWER FOUNTAIN HEIGHTS, FOUNTAIN, CO

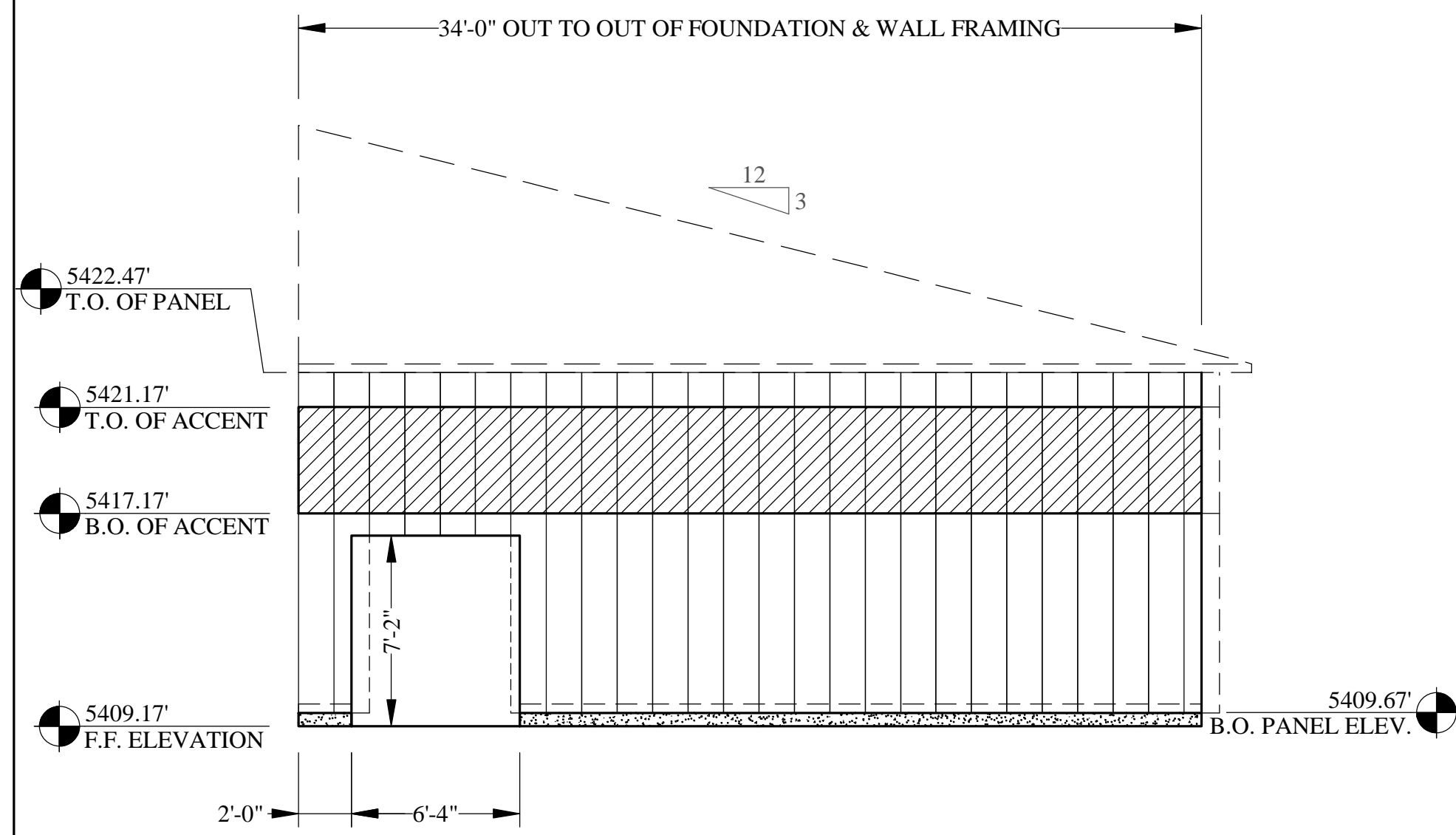
ISSUED FOR: DATE:  
APPROVAL JUNE 27, 2012



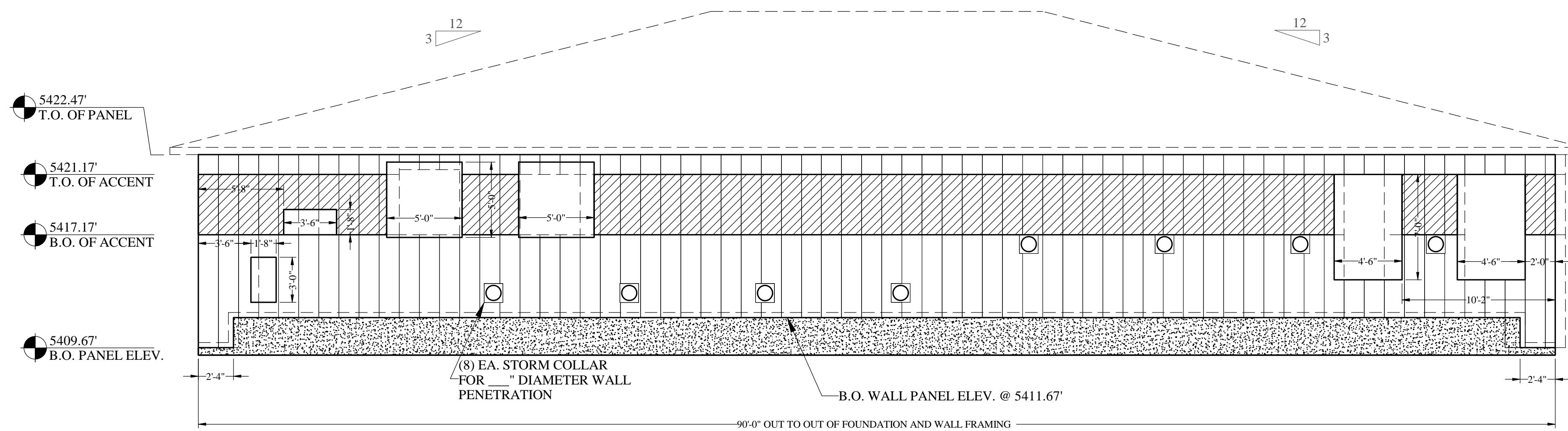
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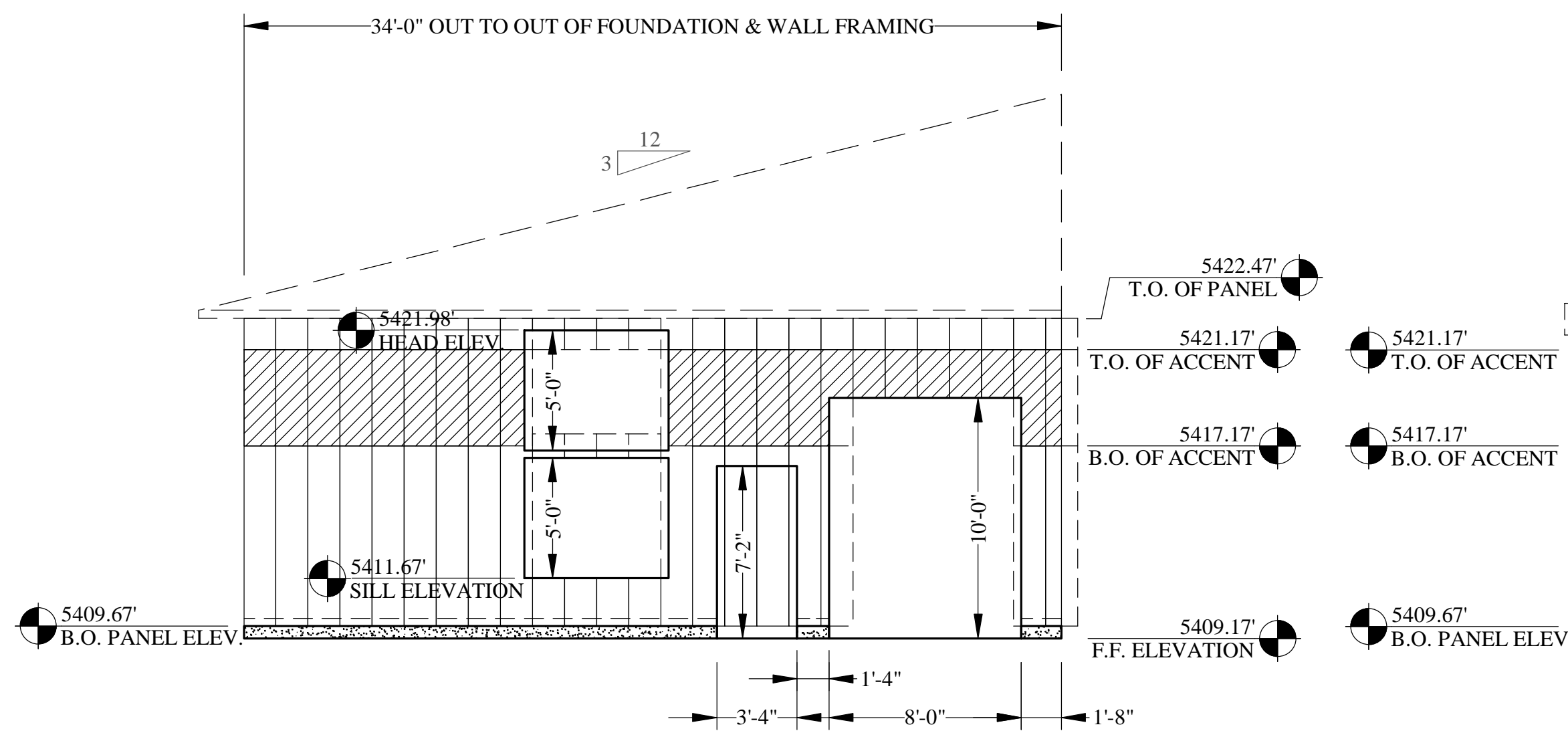
ISSUED FOR: APPROVAL DATE: JULY 27, 2012



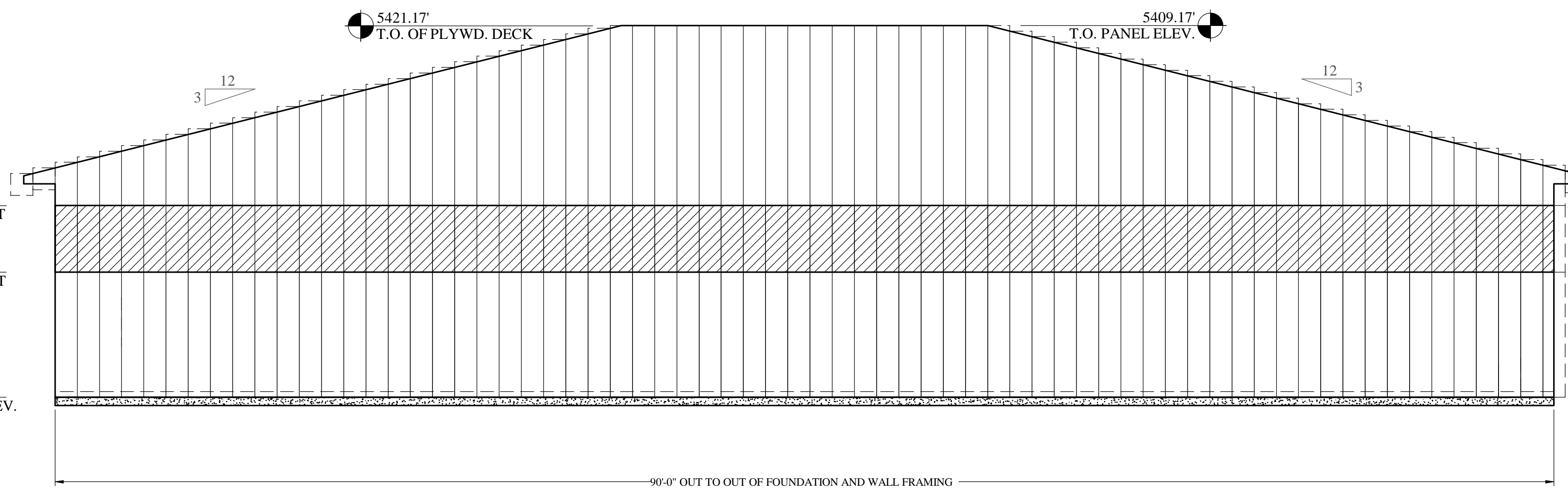
**EAST ENDWALL PANEL ELEVATION**  
 NOT TO SCALE



**NORTH SIDEWALL PANEL ELEVATION**  
 NOT TO SCALE



**WEST ENDWALL PANEL ELEVATION**  
 NOT TO SCALE



**SOUTH SIDEWALL PANEL ELEVATION**  
 NOT TO SCALE

**INSTALLATION NOTES:**

- 1) Installer of the wall panel system is to completely familiarize themselves with the 27-page install manual from the manufacturer.
- 2) Roof system and roof trims are by others and not detailed in these drawings.
- 3) Field cut the wall panels to rake of the roof and where indicated in these drawings.
- 4) Gutter and downspouts are part of the roof scope of work and not shown in these drawings.
- 5) Use M-1 structural sealant in the vertical joints of the wall panel seams.
- 6) Use sealant in the horizontal stacked wall panel joints.
- 7) Start sidewall panel on Building Line (BL) at the corners.
- 8) Touch-up the heads of all rivets with the panel manufacturer's supplied matching touch-up paint.
- 9) The vertical leg at the end of the wall panel is to be on the top side and should not need to be cut. Layout installation of these panels to accommodate this requirement.
- 10) Wall panel installation is to begin at the left hand corner and flow to right.
- 11) The shortest panel length the wall panel manufacturer can make is 12" long. Some areas require field cutting shorter panels. Field cut these panels per the manufacturer's instructions.
- 12) The wall panel system is to be installed prior to the soffit panel system. The soffit panel system is to be installed before fascia trims. The fascia trims are to be installed before the roof system.
- 13) All wood framing shown in these drawings is to be furnished and installed by others.
- 14) All weather barrier, air barrier, vapor retarder, insulation, felt paper, etc... are to be furnished by others.
- 15) Horizontal Screw Row spacing is to be determined by the Engineer of Record for this project based on the pull-out value of the fasteners attaching the metal wall panel to the wood framing. Horizontal wood framing will be required at these elevations. Please provide this spacing on the approved drawings.
- 16) Framing details shown in these wall panel drawings are only recommendations and not to be considered structural drawings. Heath Steel is not responsible for any structural design.

**WALL PANEL COLOR SELECTIONS  
 SELECTED FROM CUSTOM PANEL SYSTEMS  
 STANDARD COLORS:**

WALL PANEL COLOR: Pueblo

ACCENT WALL PANEL COLOR: Adobe