

Diagram illustrating the construction of a wall assembly designed to minimize sound leakage. The diagram shows a cross-section of a wall with two layers of sound batts (insulation) separated by a vertical partition. The batts are labeled "24\" MIN." and are shown "REAL SOUND BATT TIGHT AGAINST CHU". The diagram also indicates "DUET'S JUNCTION" and "E WALL FACE TO" and "D IN SOUND WALLS".

2" AIR SPACE

BATH-FACE CON. VENEER IN
RANDOM BOND PATTERN

CINDS AND GUTTER - REFER TO
CIVIL DRAWINGS

6" DIAMETER CONCRETE FILLED
PIPE WITH 1/2" AIR SPACE
SHEET TULLOCH ALGA FACE OF
BOLLARD WITH FACE OF DOOR
JAMB (TYPICAL)

6" CMU - REFER TO ANCHOR BY
 CMU COLUMN HOT DIP
 GALVANIZED AT 16" O.C.
 VERTICALLY, TYPICAL

PRECAST CONCRETE
 WALL - REFER TO
 STRUCTURAL
 CONCRETE
 COLUMN - REFER TO
 STRUCTURAL

4" DIAMETER CONCRETE FILLED
 STEEL PIPE BOLLARD PAINT
 WHITE, TYPICAL
 SAFETY YELLOW ALIGN FACE OF
 JAMB (TYPICAL)

GALVANIZED BENT STEEL
 CONTINUOUS SEALANT - REFER
 TO STRUCTURAL

ANCHOR CLOSURE PLATE TO CMU

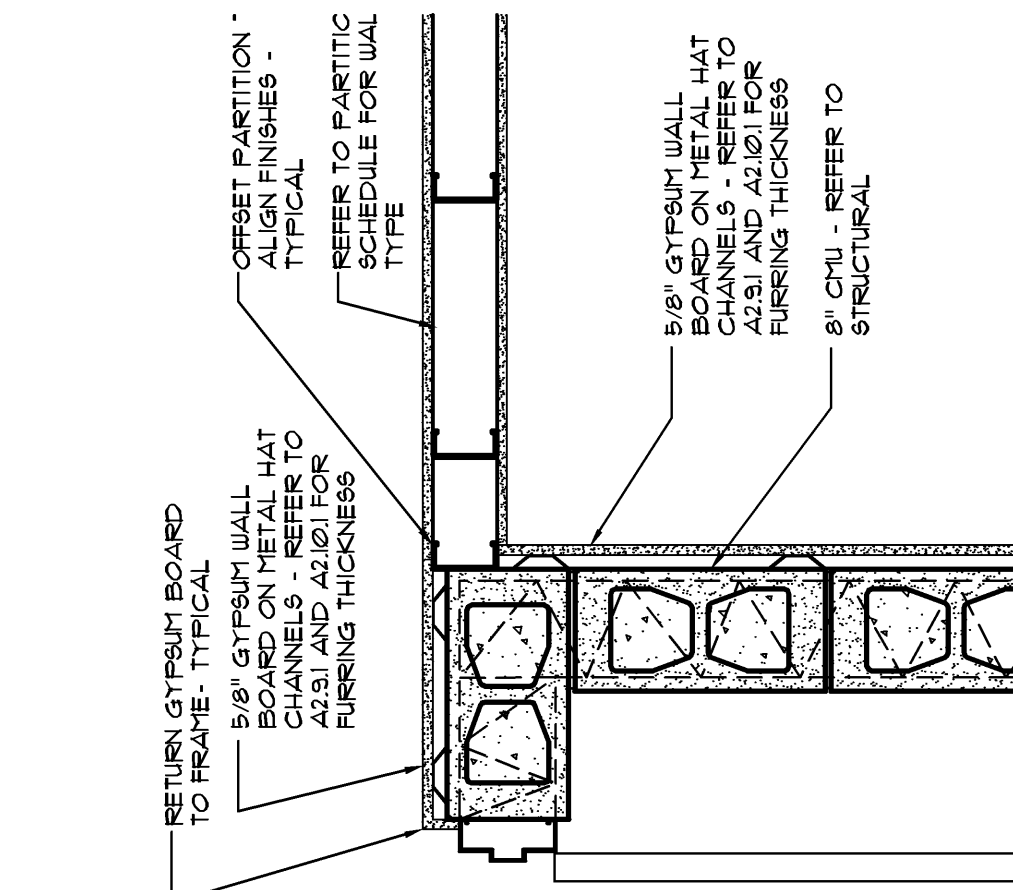
8" CMU - REFER TO STRUCTURAL

2" RIGID INSULATION

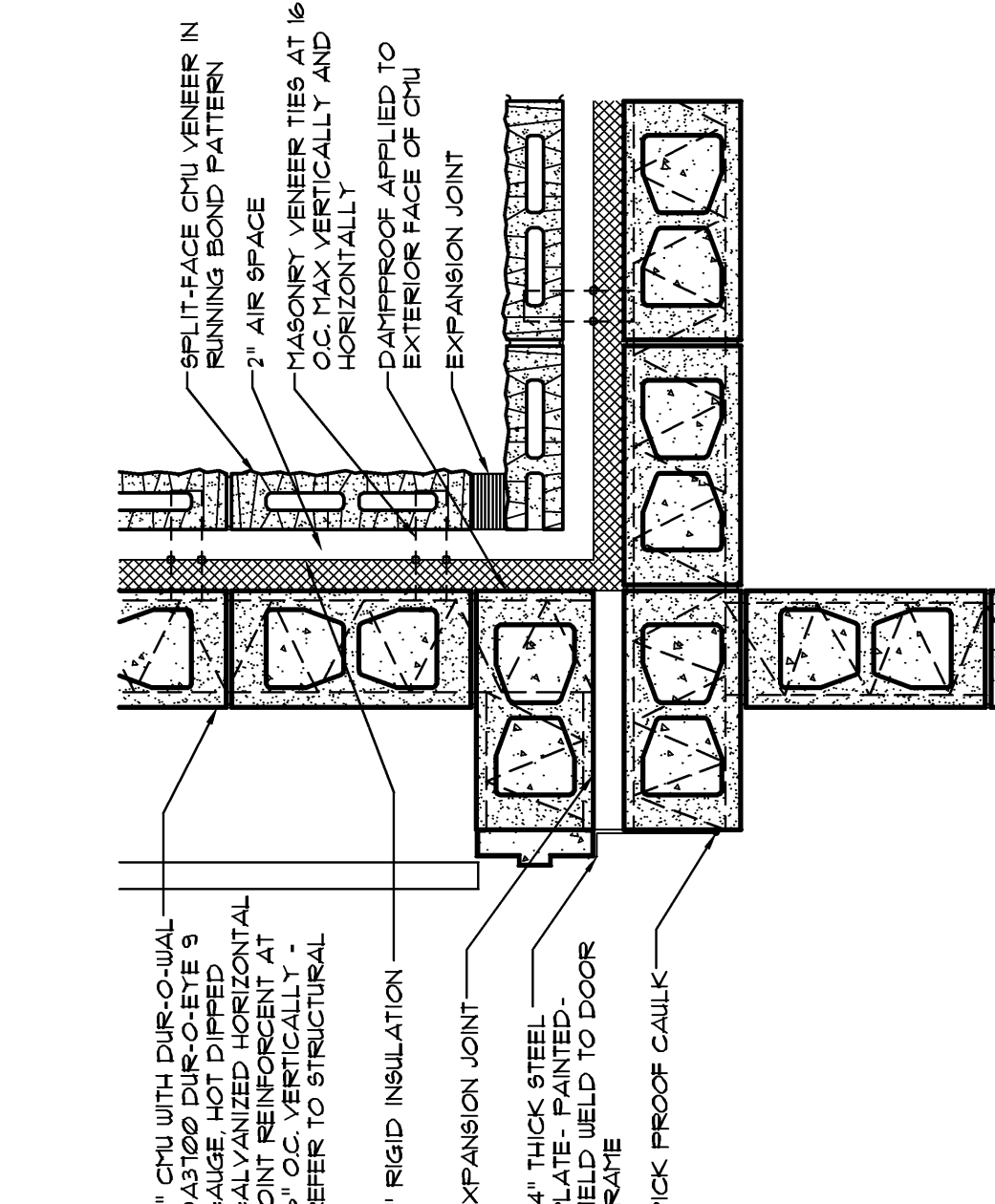
tail

NOTE: ALL CONTROL JOINTS SUBJECT TO INMATE EXPOSURE SHALL HAVE PICK PROOF COATING. FIGURES TO 6/8/04 FOR CONCRETE. ALL OTHERS REFER TO SECTION.

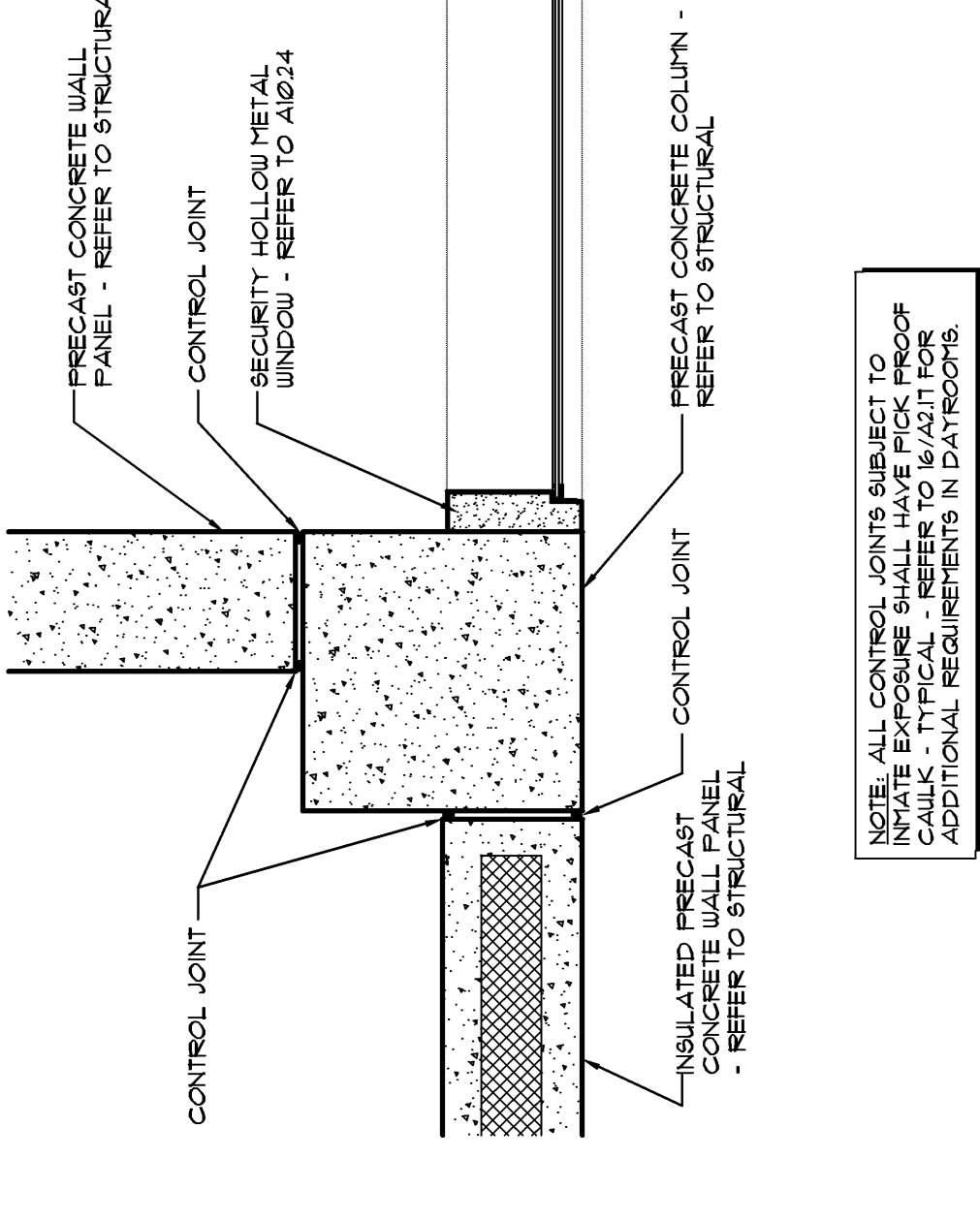
1" V-BE BUILDING WRAP
 1" V-BE GLASS
 GOLD SNEATHING
 DA 210 VEEBEE ANCHOR
 DA 1800 TRIANGULAR
 REB BY DINGSHAN HOT
 OC. HORIZONTAL AND
 VERTICALLY, TYPICAL
 60/11 #40 VEEBEE
 IN RUNNING BOND
 PATTERN
 2" AIR SPACE
 2" RIGID INSULATION
 DASHED ROOFING
 1" V-BE GLASS



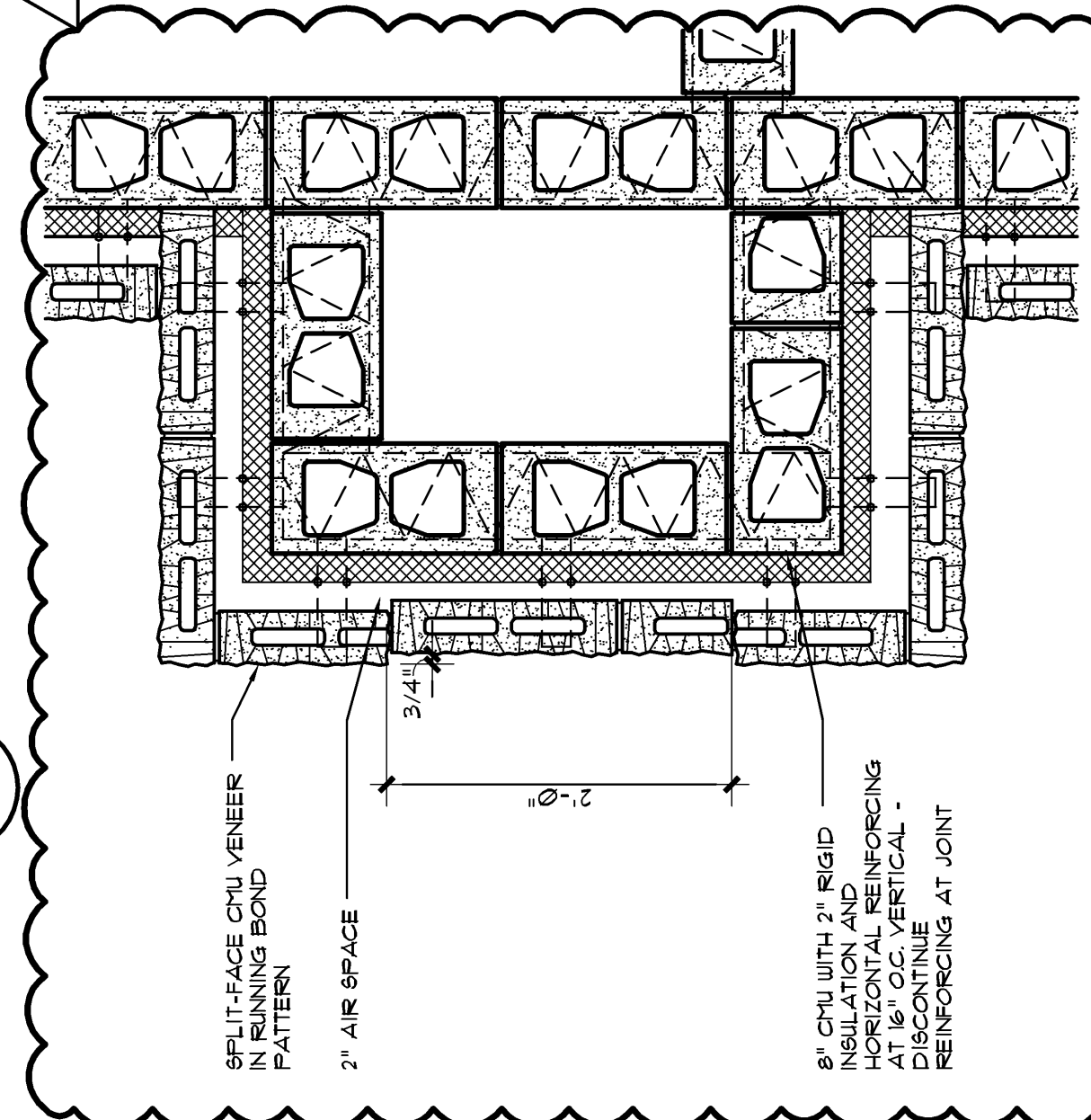
Plan Detail at 1250



Plan



Plan

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Diagram illustrating a cross-section of a wall and floor assembly. The components and joints are labeled as follows:

- PRECAST CONCRETE WALL PANEL - REFER TO STRUCTURAL DRAWING
- CONTROL JOINT
- SECURITY HOLLOW METAL WINDOW - REFER TO A5234
- CONTROL JOINT
- INSULATED PRECAST CONCRETE FLOOR PANEL - REFER TO STRUCTURAL DRAWING
- CONTROL JOINT
- PRECAST CONCRETE COLUMN - REFER TO STRUCTURAL DRAWING

NOTE: ALL CONTROL JOINTS SUBJECT TO INCREASE EXPOSURE SHATTER RISK. PROVIDE ADDITIONAL REQUIREMENTS IN DRAWINGS.

NOTE: ALL CONTROL JOINTS SUBJECT TO
IMMEDIATE EXPOSURE SHALL HAVE PICK PROOF
CAULK - TYPICAL - REFER TO 16/A2.17 FOR
ADDITIONAL REQUIREMENTS IN DAYROOMS.

Technical drawing of a reinforced concrete slab cross-section. The drawing shows a central rectangular area with a width of 2'-0" and a depth of 9'-4". The slab is reinforced with a grid of bars. Labels indicate: "SPRIT FACE ON GREEN KINNING BOLD PATTERN" pointing to the left edge; "2" AIR SPACE" pointing to the gap between the slab and the bottom reinforcement; "9'-4" pointing to the depth of the slab; "2'-0" pointing to the width of the slab; and "1" CHAIR, 1" RIGID INSULATION AND HORIZONTAL REINFORCING DISCONTINUE AT JOINT" pointing to the bottom reinforcement detail.

NOTE :
CAULK AND SEAL ALL SOUND LEAKAGE POINTS.
AVOID CONNECTING DUCTS, JUNCTION BOXES, PIPING OR OTHER SOUND CARRIERS FROM ONE WALL FACE TO THE OTHER.
ALL DOORS LOCATED IN SOUND WALLS SHALL HAVE SOUND SEALS.
JUNCTION BOXES SHALL BE LOCATED IN DIFFERENT STUD CAVITIES

Plan

6" DIAMETER CONCRETE FILLED
STEEL PIPE BOLLARD. PAINT
SAFETY YELLOW ALL EXPOSED

Diagram illustrating a cross-section of a wall and floor assembly. The components and joints are labeled as follows:

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- SECURITY HOLLOW METAL WINDOW - REFER TO AIS24
- CONTROL JOINT
- INSULATED PRECAST CONCRETE FLOOR PANEL - REFER TO STRUCTURAL
- CONTROL JOINT
- PRECAST CONCRETE COLUMN - REFER TO STRUCTURAL

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MASONRY VENEER
2'-4"

SECURITY HOLLOW METAL SHEET
1'-0"

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