

GENERAL NOTES:

- A. MATERIALS AND WORKMANSHIP MUST CONFORM TO THE REQUIREMENTS OF THE 2018 IBC INTERNATIONAL BUILDING CODE, AS AMENDED BY THE HAWAII STATE BUILDING CODE.
- B. VERIFY DIMENSIONS AND CONDITIONS AND IMMEDIATELY REPORT DISCREPANCIES IN WRITING TO THE CONTRACTING OFFICER BEFORE COMMENCING WORK OR ORDERING MATERIALS.
- C. VERIFY REPAIR QUANTITIES WITH THE CONTRACTING OFFICER BEFORE PROCEEDING WITH REPAIR WORK.
- D. REPLACE MATERIAL / FINISHES THAT ARE DAMAGED DURING DURATION OF PROJECT WITH LIKE FINISHES / MATERIALS. REPLACE OR BLEND FINISH TO MATCH ADJACENT SURFACES.
- E. FIELD VERIFY EXISTING CONDITION RELATING TO THE DEMOLITION REQUIRED.
- F. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION NOT SHOWN BUT REQUIRED FOR CONSTRUCTION.
- G. ITEMS TO REMAIN MUST BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.

STRUCTURAL STEEL:

- A. STRUCTURAL STEEL MUST BE IN CONFORMANCE WITH AISC 360.
- B. STRUCTURAL STEEL MEMBERS, FASTENERS, AND ANCHORS MUST CONFORM TO THE FOLLOWING:
 - 1. PLATES, CHANNELS: ASTM A36/A36M
 - 2. HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A500/A500M, GRADE C
 - 3. COMMON GRADE BOLTS: ASTM A307, GRADE A, HEAVY HEX
 - 4. NUTS: ASTM A563/A56AM, GRADE A, HEAVY HEX
 - 5. WASHERS: ASTM F436
- C. WELDS MUST BE PERFORMED BY CERTIFIED WELDERS.
- D. WELDING MUST BE IN COMPLIANCE WITH AWS D1.1/D1.1M USING ELECTRIC ARC PROCESS WITH E70XX ELECTRODES.
- E. FILLET WELDS ARE CONTINUOUS UNLESS NOTED OTHERWISE.
- F. ISOLATE DISSIMILAR METALS TO AVOID GALVANIC CORROSION.
- G. PAINT REPAIRED STRUCTURAL STEEL MEMBERS.

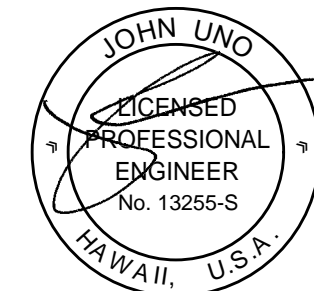
SPECIAL INSPECTION:

- A. RETAIN ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION IN ACCORDANCE WITH IBC 2018 CHAPTER 17. SPECIAL INSPECTION IS PROVIDED AT THE CONTRACTOR'S EXPENSE.
- B. GIVE TIMELY NOTICE OF WHEN AND WHERE INSPECTIONS ARE TO BE PERFORMED AND PROVIDE ACCESS TO THE INSPECTOR. CORRECT DEFECTIVE WORK AT NO ADDITIONAL COST TO THE STATE. RE-INSPECTION IS PROVIDED AT THE CONTRACTOR'S EXPENSE.
- C. SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK.
 - 1. STRUCTURAL WELDING

T-HANGAR EMERGENCY REPAIRS, BUILDING 409

STATE OF HAWAII DEPARTMENT
OF TRANSPORTATION AIRPORTS

Job No.: CM1626-33



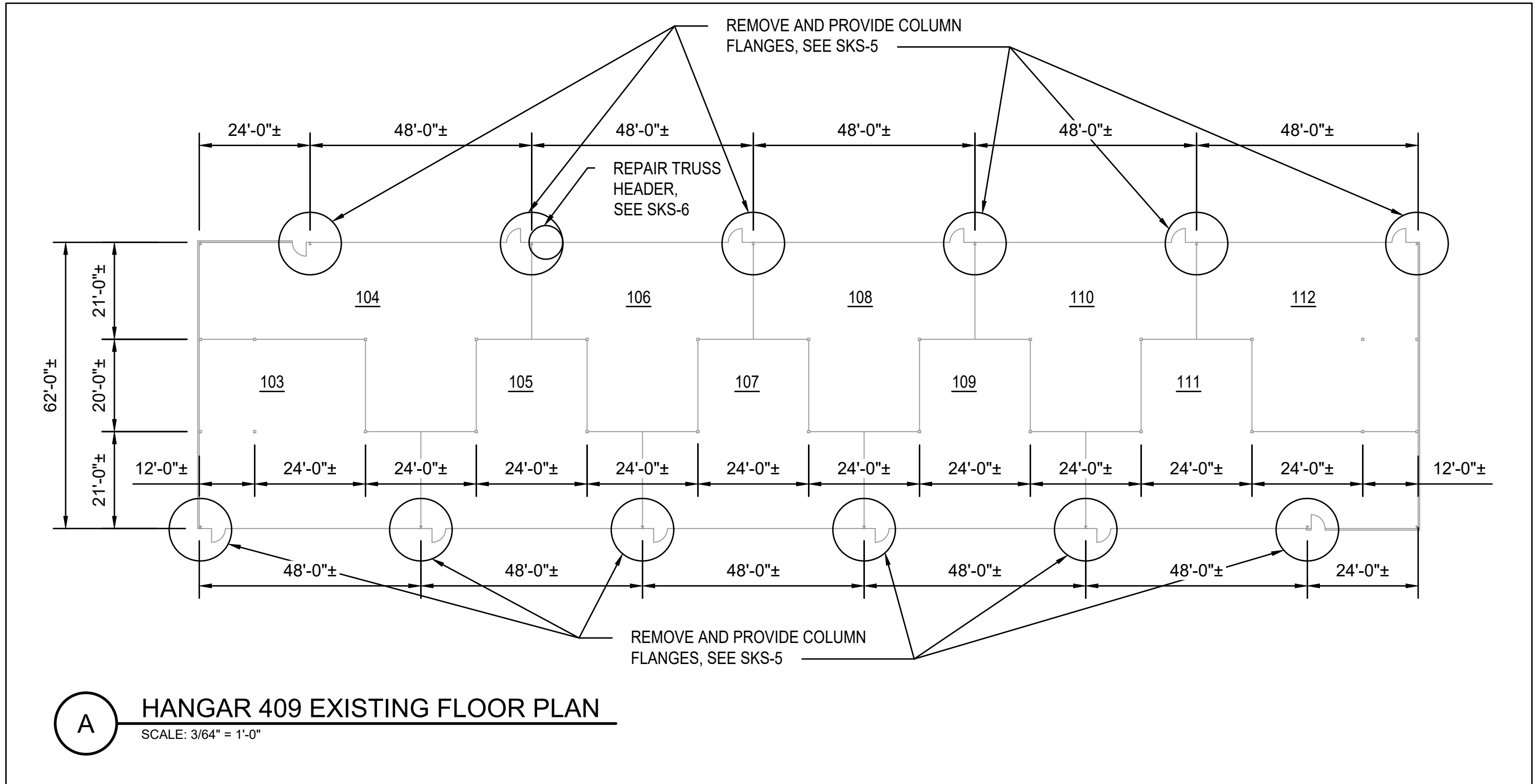
4-30-2028

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Sketch No. SKS-1

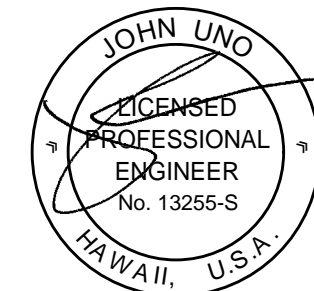
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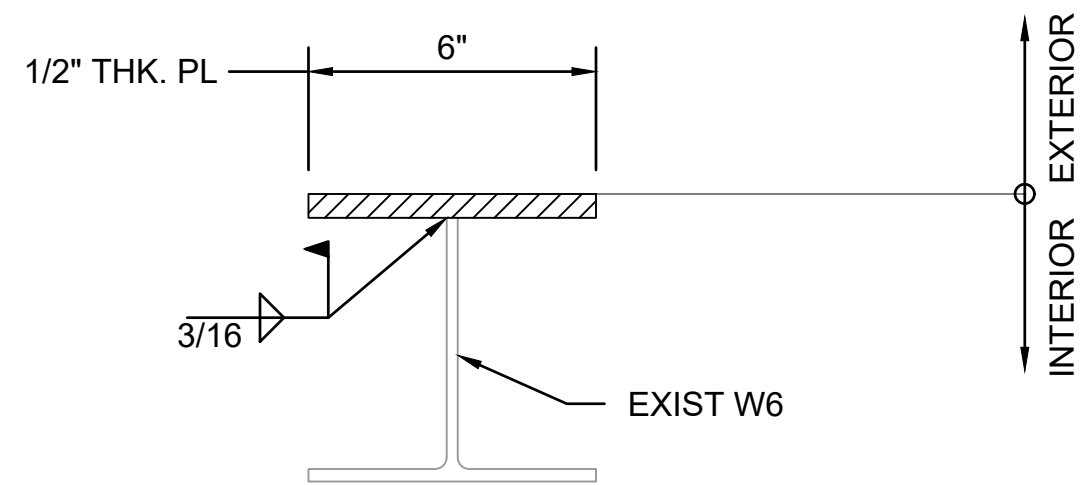
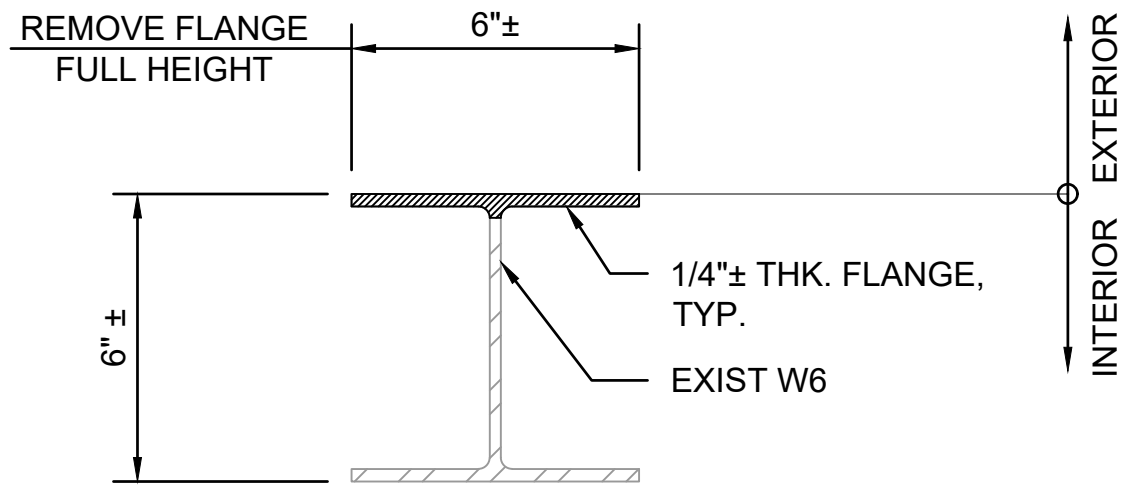
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Sketch No. SKS-2

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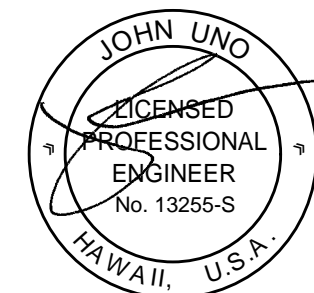
A DEMOLITION DETAIL
SCALE: 3" = 1'-0"

B REPAIR DETAIL
SCALE: 3" = 1'-0"

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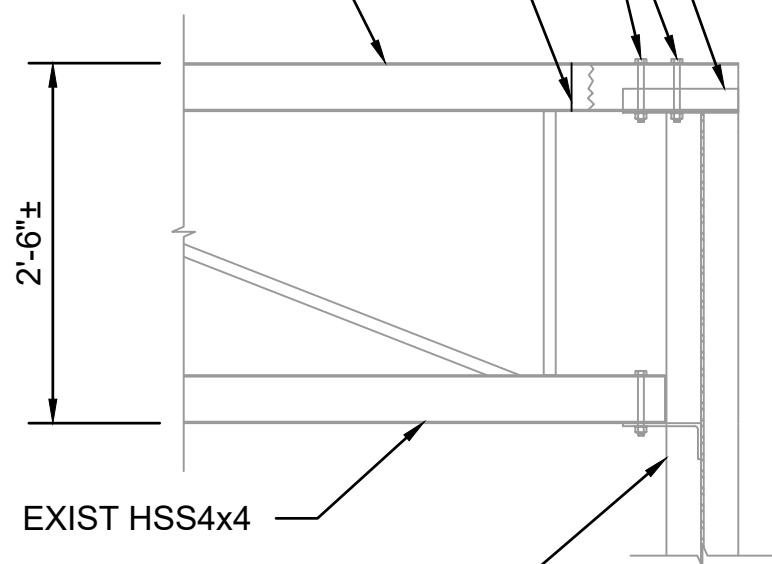
Sketch No. SKS-5

REMOVE EXIST 6" SADDLE

REMOVE EXISTING TWO 1/2" Ø
CORRODED THRU-BOLTS

CUT EXIST TOP CHORD
TO SQUARE EDGE

EXIST HSS4x4

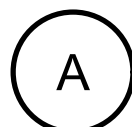


EXIST HSS4x4

EXIST W6 COLUMN

NOTES:

1. REMOVE EXIST ROOFING AS NEEDED FOR DEMOLITION.
2. SHORE TRUSS AT AFFECTED WEB AND AT NEAREST WEB ON BOTH SIDES.



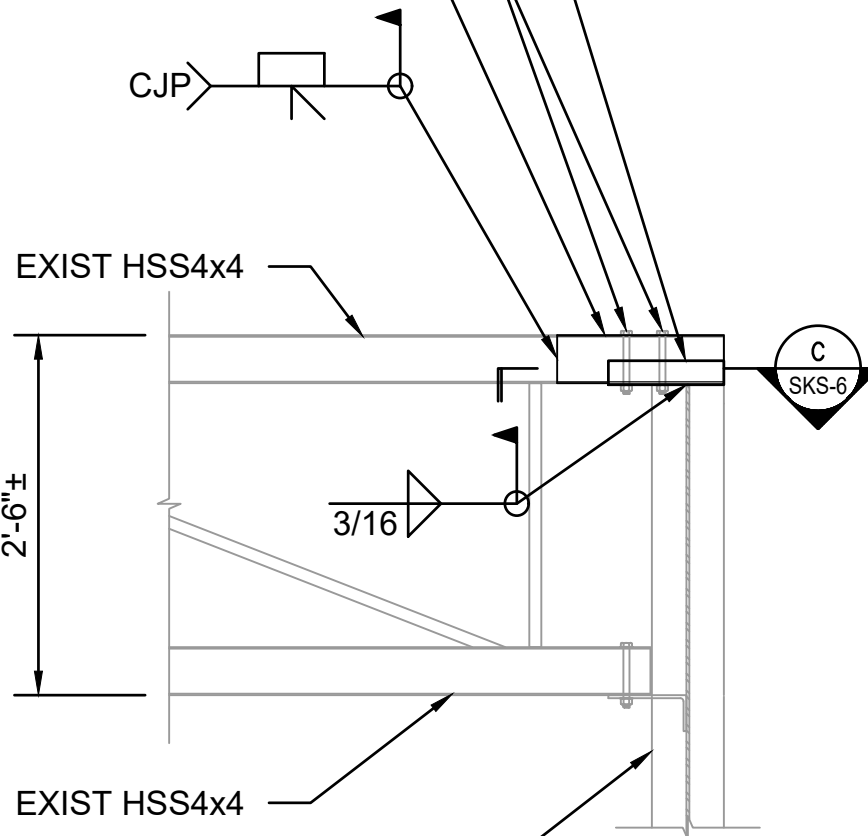
DEMOLITION DETAIL

SCALE: 3/4" = 1'-0"

C6x8.2

TWO 1/2" Ø THRU-BOLTS

HSS4x4x1/8



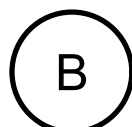
EXIST HSS4x4

EXIST HSS4x4

EXIST W6 COLUMN

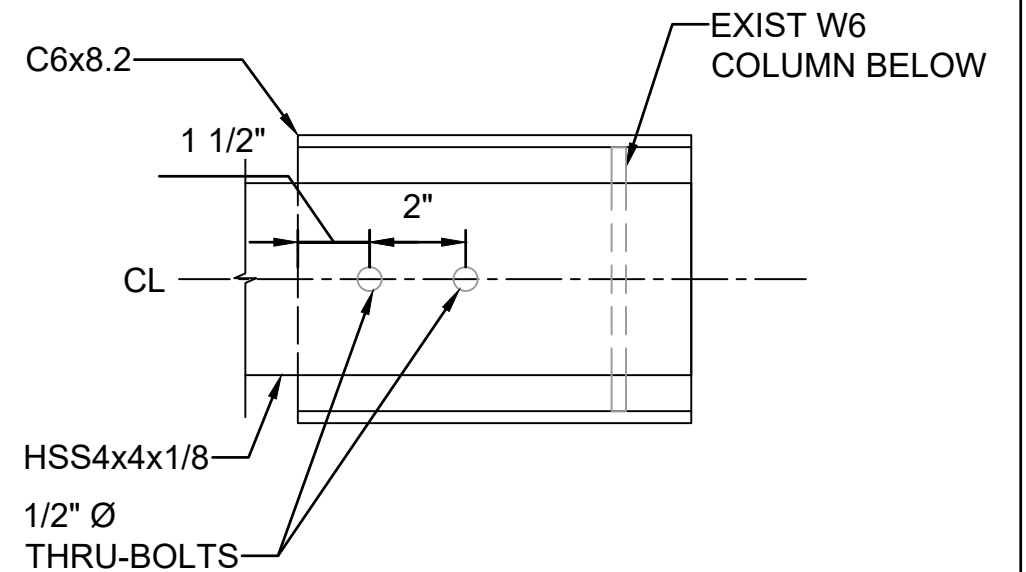
NOTES:

1. REINSTALL ROOFING AFTER REPAIR COMPLETED.
2. SHORE TRUSS AT AFFECTED WEB AND AT NEAREST WEB ON BOTH SIDES.



REPAIR DETAIL

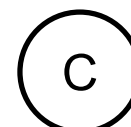
SCALE: 3/4" = 1'-0"



C6x8.2

HSS4x4x1/8
1/2" Ø
THRU-BOLTS

EXIST W6
COLUMN BELOW



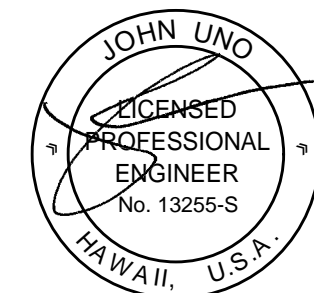
SECTION

SCALE: 3" = 1'-0"

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