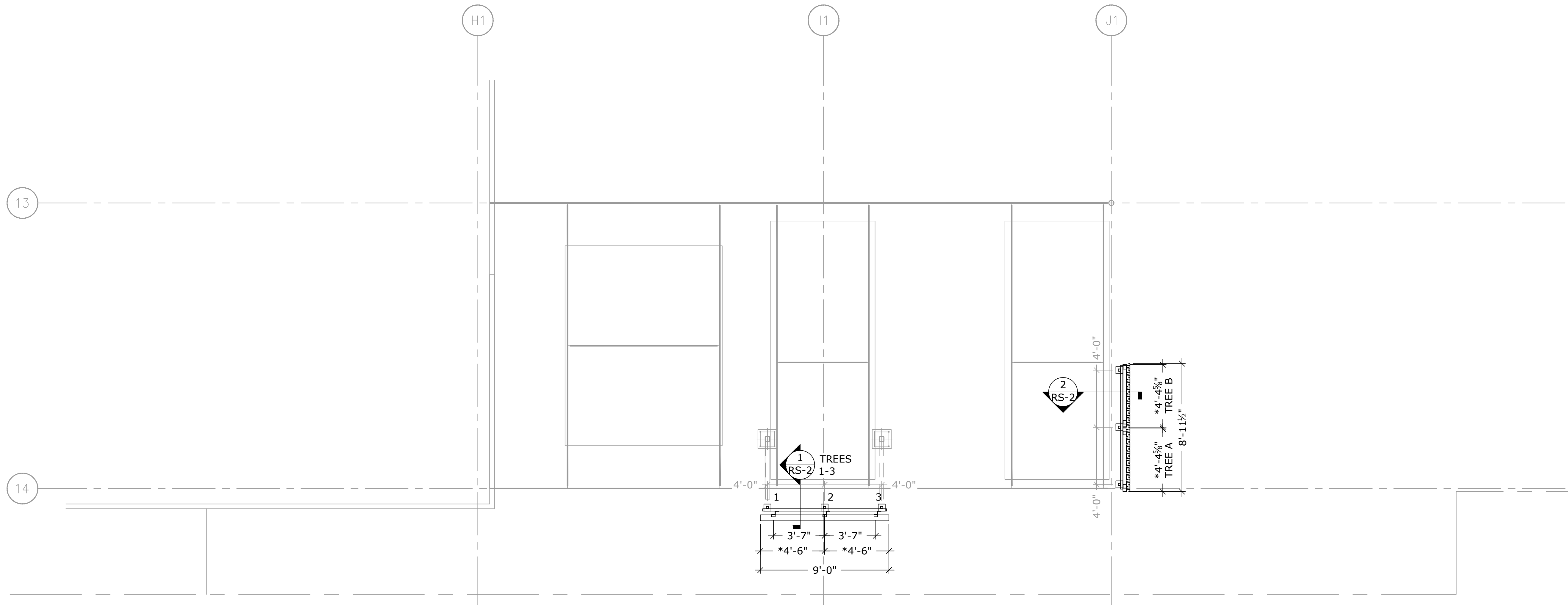


APPROVAL / REVIEW AUTHORITY:
 PLEASE REVIEW THIS DRAWING CAREFULLY. IT REPRESENTS OUR INTERPRETATION OF THE CONTRACT DOCUMENTS HOWEVER, ROOFSCREEN MFG. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN ON THE DESIGN DRAWINGS. THIS IS THE RESPONSIBILITY OF THE BUYER.

UNLESS NOTED OTHERWISE ON THIS DRAWING, WHEN IT IS RETURNED FROM APPROVAL, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN HEREIN HAS THE AFFIRMATION OF THE APPROVAL AUTHORITY. SUBSEQUENT CHANGES TO INFORMATION SHOWN ON THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE CONSIDERED AS CONTRACT CHANGES.

REV	DESCRIPTION	BY	DATE
△	CONSTRUCTION DOCUMENTS	KS	01/27/23
△			
△			
△			
△			

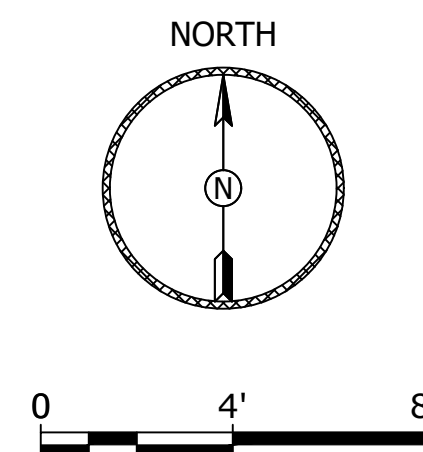


NOTES:
 1. THE ACCURACY OF THE DATA USED TO CREATE THIS LAYOUT HAS NOT BEEN FIELD VERIFIED. THE AS-BUILT LOCATIONS OF ROOF FRAMING MEMBERS AND MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF ROOFSCREEN MFG PRIOR TO PROCEEDING WITH WORK.

2. NOTIFY ROOFSCREEN MFG IF FIELD VERIFIED DIMENSIONS VARY MORE THAN ±3".

ROOFSCREEN PLAN

SCALE: 1/4" = 1'



*L10 LOUVER LENGTHS	
QTY	LENGTHS
18	4'-6"

L20 LOUVER LENGTHS	
QTY	LENGTHS
18	4'-6"

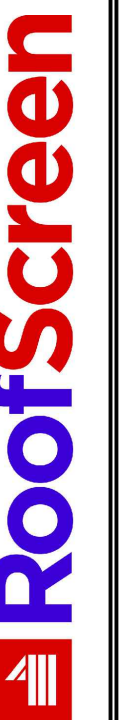
LEGEND

P # ROOFSCREEN LOUVER TREE W/ TREE #
 LOUVER AND LENGTH "X" PER PLAN, SEE *LOUVER LENGTH TABLE.

LOUVER SAMPLE SHOPS

347 CORAL ST. SANTA CRUZ, CA 95060

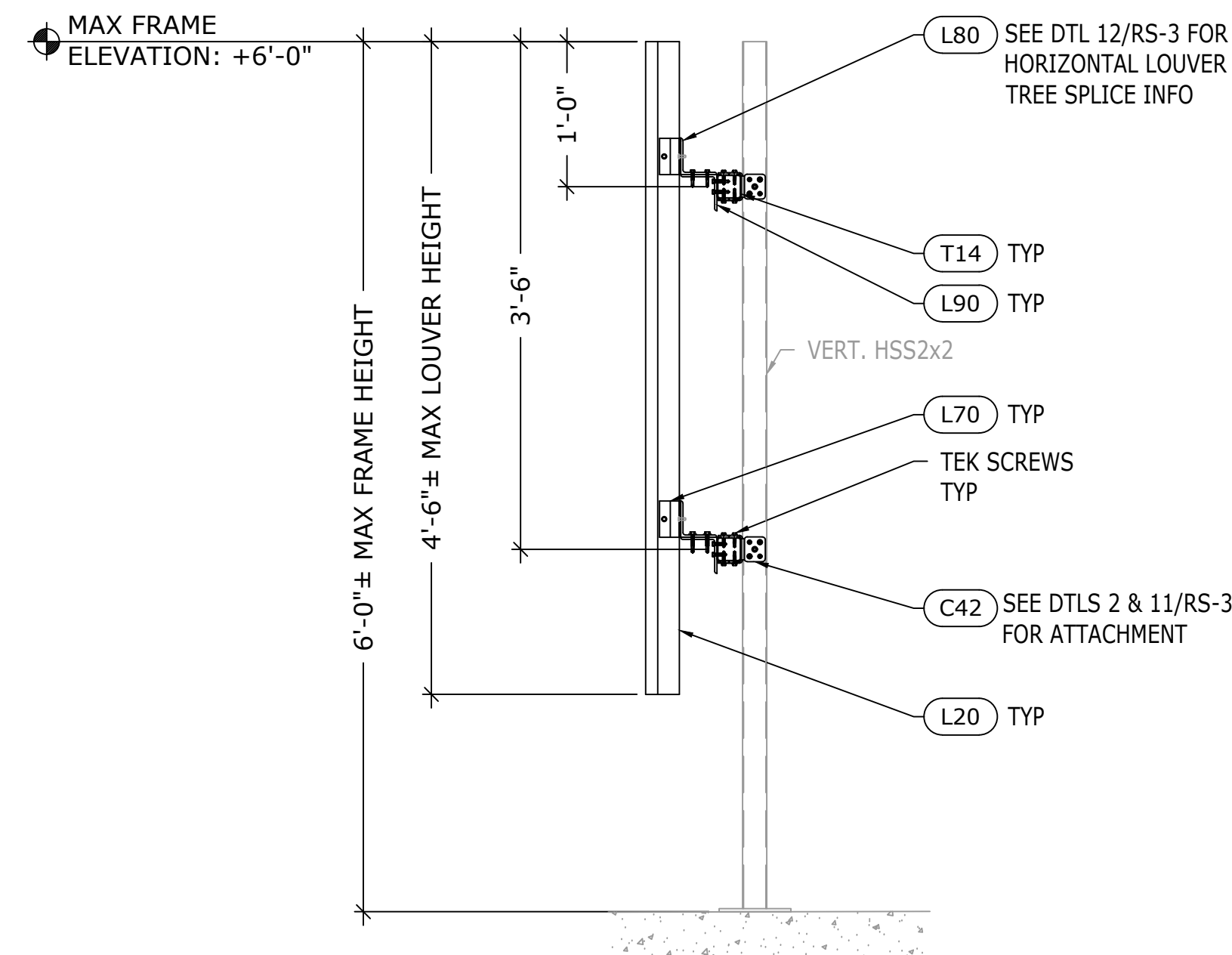
ROOFSCREEN MFG., INC.
 347 CORAL STREET
 SANTA CRUZ, CA 95060
 INFO@ROOFSCREEN.COM



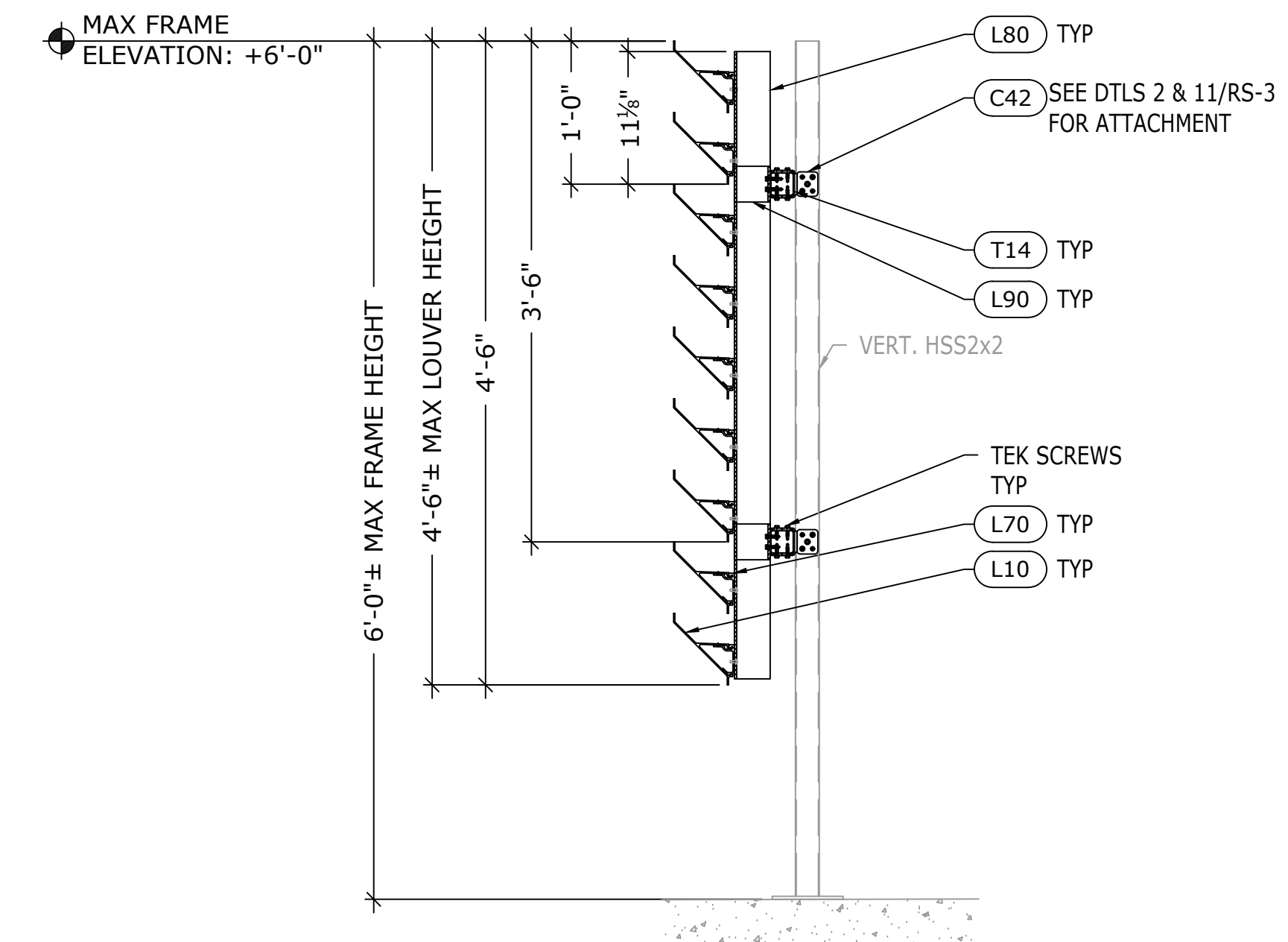
ROOFSCREEN PLAN

DRAWN BY: KS
 CHECKED BY: RB
 JOB NUMBER: 5678
 SHEET

RS-1



LOUVER TREE AT SPACING PER PLAN 2
SCALE: NTS



LOUVER TREE AT SPACING PER PLAN 1
SCALE: NTS TREES 1-3

ROOFSCREEN INSTALLATION NOTES:

- ALL WORK SHALL BE PERFORMED EXCLUSIVELY BY TRAINED COMPETENT PERSONNEL AND SHALL COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE.
- TOP OF SCREEN ELEVATION SHALL BE UNIFORM ALONG FULL LENGTH OF WALL AND SHALL NOT EXCEED MAX ELEVATION SHOWN.
- FRAME DIMENSIONS SHOWN ARE FOR THE TALLEST FRAME WHERE THE ROOF IS AT ITS LOWEST ELEVATION. FRAME TUBES WILL BE PRE-CUT AND DELIVERED TO THESE DIMENSIONS. FRAMES INSTALLED WHERE ROOF IS AT HIGHER ELEVATIONS MAY REQUIRE FIELD TRIMMING OF THE VERTICAL AND DIAGONAL TUBE LENGTHS TO KEEP TOP OF SCREEN ELEVATION LEVEL.
- LASER MEASURING IS RECOMMENDED PRIOR TO FIELD CUTTING.
- ENSURE ANGLE BRACKETS ARE CENTERED ON EXISTING HORIZ. HSS.
- WHEN USING SELF-DRILLING TEK SCREWS TO FASTEN ANGLE BRACKETS THROUGH METAL DECKING TO STEEL STRUCTURAL MEMBERS, IT IS NOT NECESSARY OR RECOMMENDED TO DRILL A PILOT HOLE IN THE STEEL MEMBER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATER-TIGHTNESS OF THE EXISTING ROOF DECK. FLASHING AND ROOFING SHALL BE PER ROOFING SYSTEM MANUFACTURER'S REQUIREMENTS. VERIFICATION OF COMPLIANCE WITH ROOF WARRANTY AND PRE-APPROVAL FROM ROOFING SYSTEM MANUFACTURER, IF REQUIRED, SHALL BE PERFORMED BY OTHERS.
- APPROPRIATE CARE SHALL BE TAKEN TO ELIMINATE THE POSSIBILITY OF DAMAGE TO EXISTING DECK AND ROOFING SYSTEM. CONSTRUCTION MATERIALS SHALL NOT BE STORED ON THE ROOF DECK UNLESS APPROPRIATE MEASURES ARE TAKEN TO PROTECT THE ROOF FROM DAMAGE.
- APPLY ANTI-SEIZING LUBRICANT TO ALL STAINLESS BOLTS DURING INSTALLATION TO PREVENT GALLING.
- AFTER INSTALLATION IS COMPLETE, DUST OFF AND REMOVE ALL METAL SHAVINGS FROM LOUVER TREES AND FINISHED ROOF SURFACE TO PREVENT SURFACE RUST AND STAINING.
- TEK SCREWS ARE FULLY SEATED WHEN THE HEAD IS FLUSH WITH THE WORK SURFACE. OVERDRIVING MAY RESULT IN TORSIONAL FAILURE OF TEK SCREWS OR STRIP OUT OF THE SUBSTRATE. SCREW GUN SHOULD BE A MINIMUM OF 6 AMPS AND HAVE AN RPM RANGE OF 0-2500.

ROOFSCREEN SPECIFICATIONS:

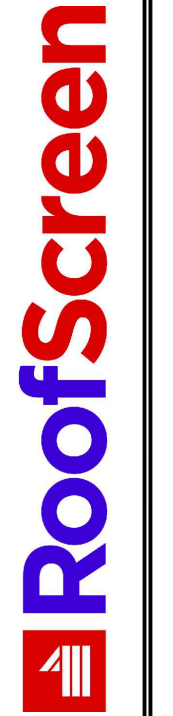
- L10** LOUVER: ALUMINUM LOUVERS, 6063-T6, 0.1" THICK ATTACH TO ALUMINUM LOUVER CLIP PER DTL 4/RS-3, DEFLECTION LIMIT = L/180
 - L20** LOUVER: ALUMINUM LOUVERS, 6063-T6, 0.1" THICK ATTACH TO ALUMINUM LOUVER CLIP PER DTL 5 & 8/RS-3, DEFLECTION LIMIT = L/180
 - L70** LOUVER CLIP: ALUMINUM 6063-T6, 0.125" THICK PREATTACHED TO LOUVER TREE W/ SELF PIERCING RIVETS - ROOFSCREEN P/N "M32", (1) TOTAL, PER DTL 3/RS-3.
 - L80** LOUVER TREE: ALUMINUM 6061-T6, 3" X 3" X 0.188" CONN TO ANGLE BRACKET W/ #14-24 X 1 1/4" LONG T/5 "TEK" SCREWS - ROOFSCREEN P/N "S35", (2) PER DTL 1 & 2/RS-3.
 - L90** ANGLE BRACKET: ALUMINUM 6061-T6, 3" X 3" X 0.188" CONN. TO "T14" HORIZONTAL GIRTS W/ #12-24 X 1 1/4" SELF-DRILLING SCREW "TEK" SCREW - ROOFSCREEN P/N "S35", TYP OF (2), SEE DTL 1 & 2/RS-3.
- HSS: ASTM A500, FY = 50 ksi
- T14** HORIZONTAL GIRTS
2"X2", 14ga ORIENT HORIZONTAL, FASTEN TO VERTICAL HSS W/ "C44" 1 1/8"X1 1/8" 11GA ANGLE BRACKET & #12-14 X 1" LONG T/3 "TEK" SCREW - ROOFSCREEN P/N "S10", (4) PER BRACKET PER DETAIL 10/RS-3.
- PROPRIETARY CONNECTORS:
- C42** SQUARE TO SQUARE CONNECTOR:
CONN TO "T14" TUBE & VERT HSS FRAME W/ #12-14 X 1" LONG T/3 "TEK" SCREWS - ROOFSCREEN P/N "S10", (2) EA LEG OF BRACKET TYP. (8) TOTAL PER DETAIL 11/RS-3.

REV	DESCRIPTION	BY	DATE
1	CONSTRUCTION DOCUMENTS	KS	01/27/23

LOUVER SAMPLE SHOPS

347 CORAL ST. SANTA CRUZ, CA 95060

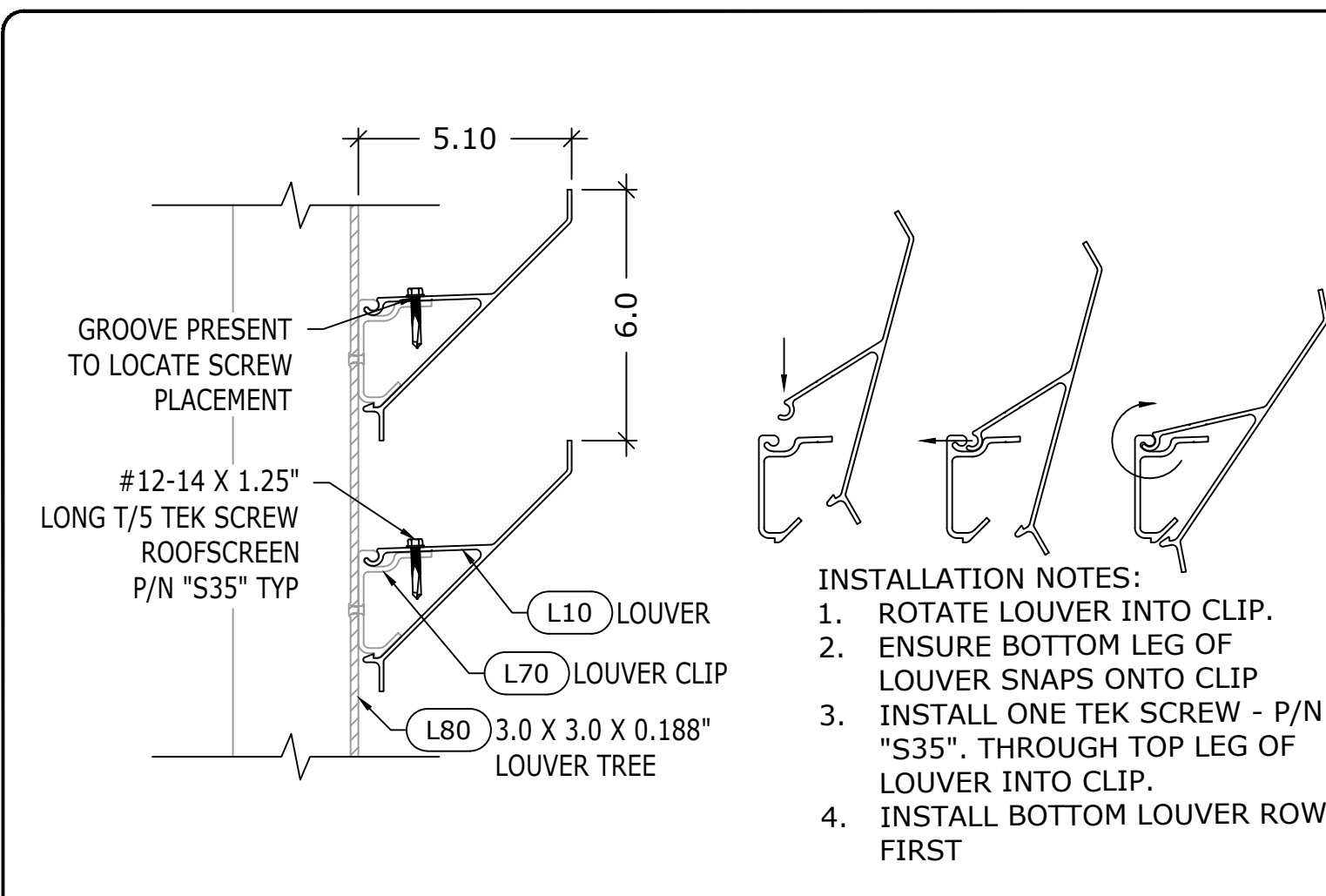
ROOFSCREEN MFG., INC.
347 CORAL STREET
SANTA CRUZ, CA 95060
TEL: 831.438.7777
INFO@ROOFSCREEN.COM



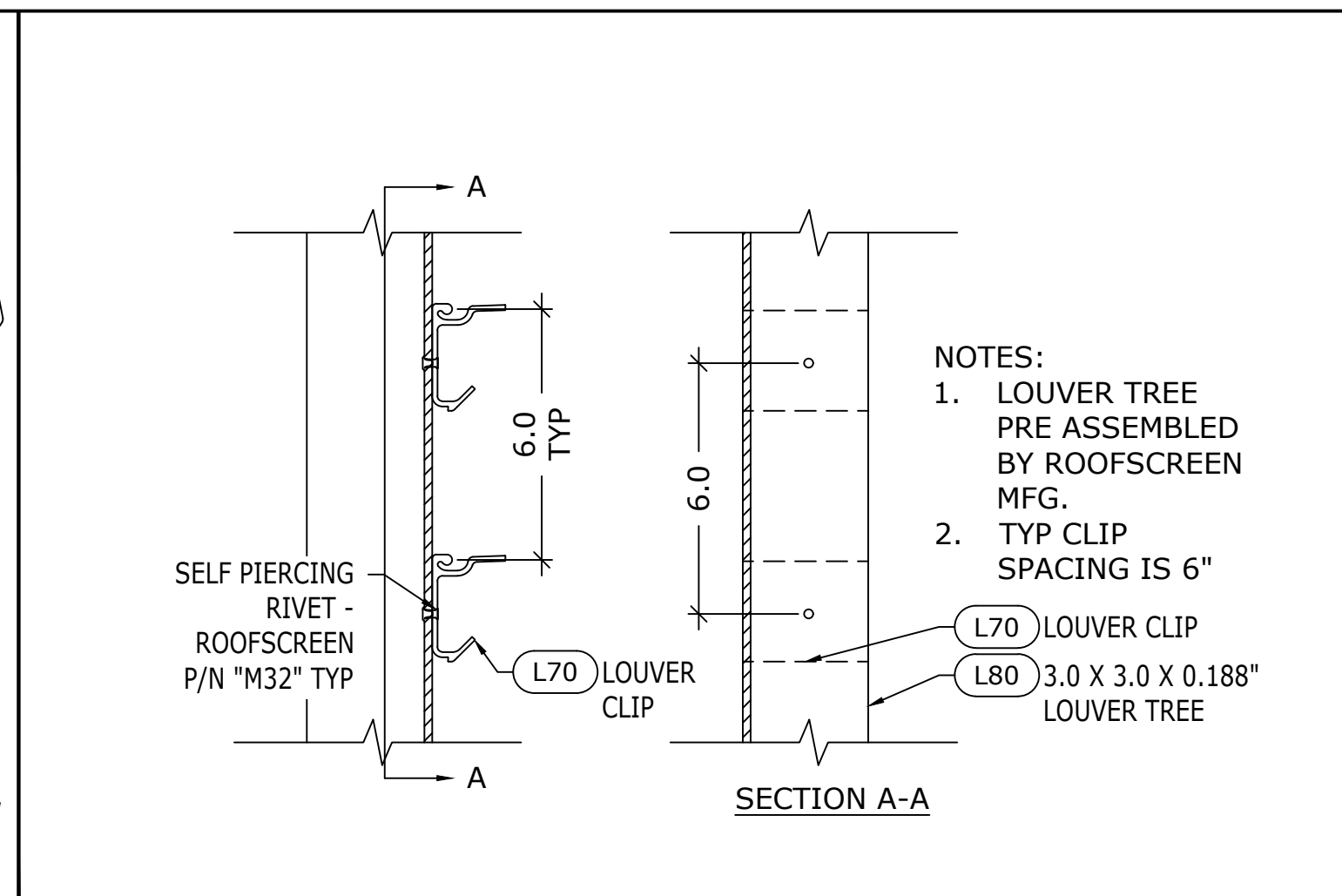
ROOFSCREEN FRAME DETAILS & SPECIFICATIONS

DRAWN BY: KS
CHECKED BY: RB
JOB NUMBER: 5678

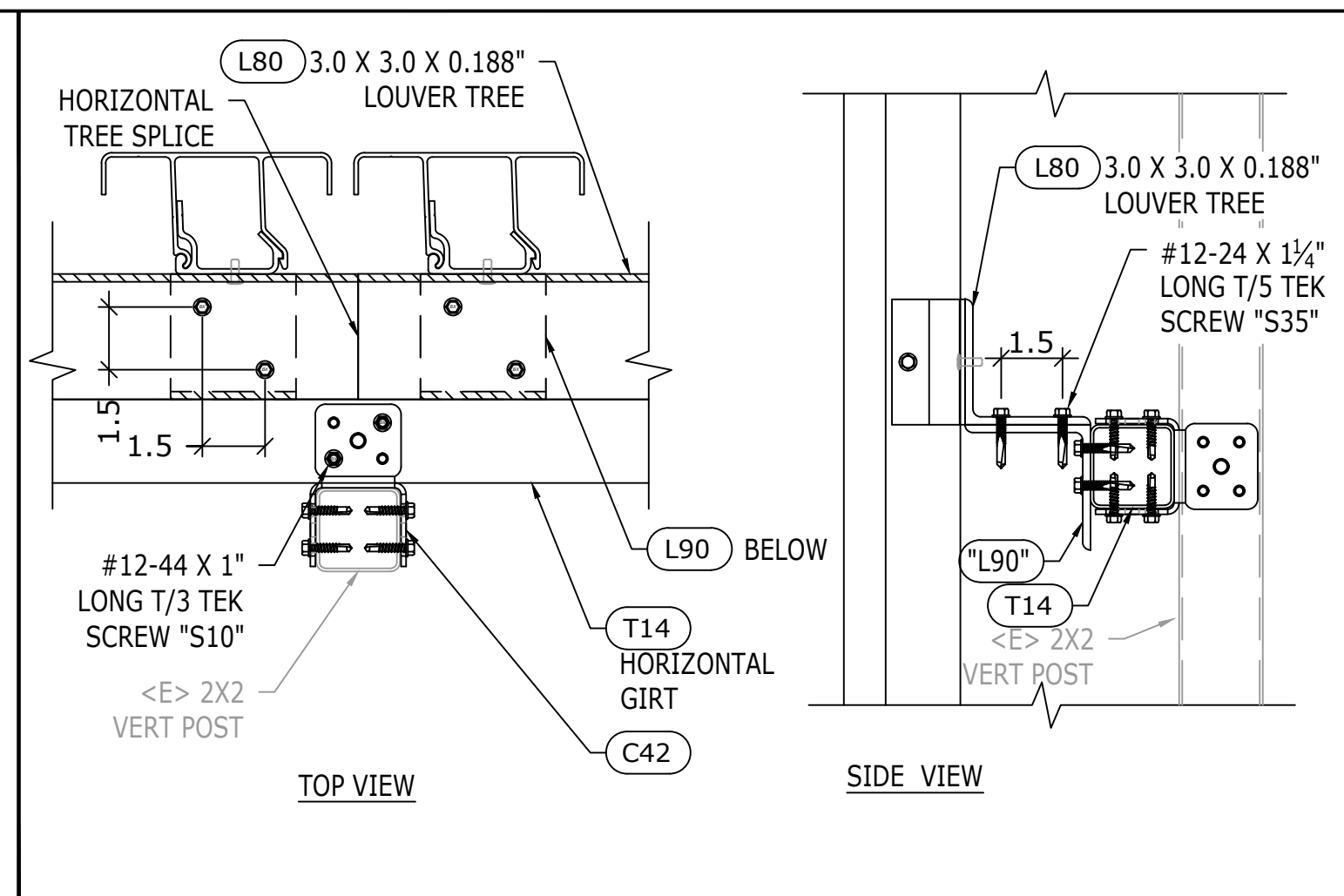
SHEET
RS-2



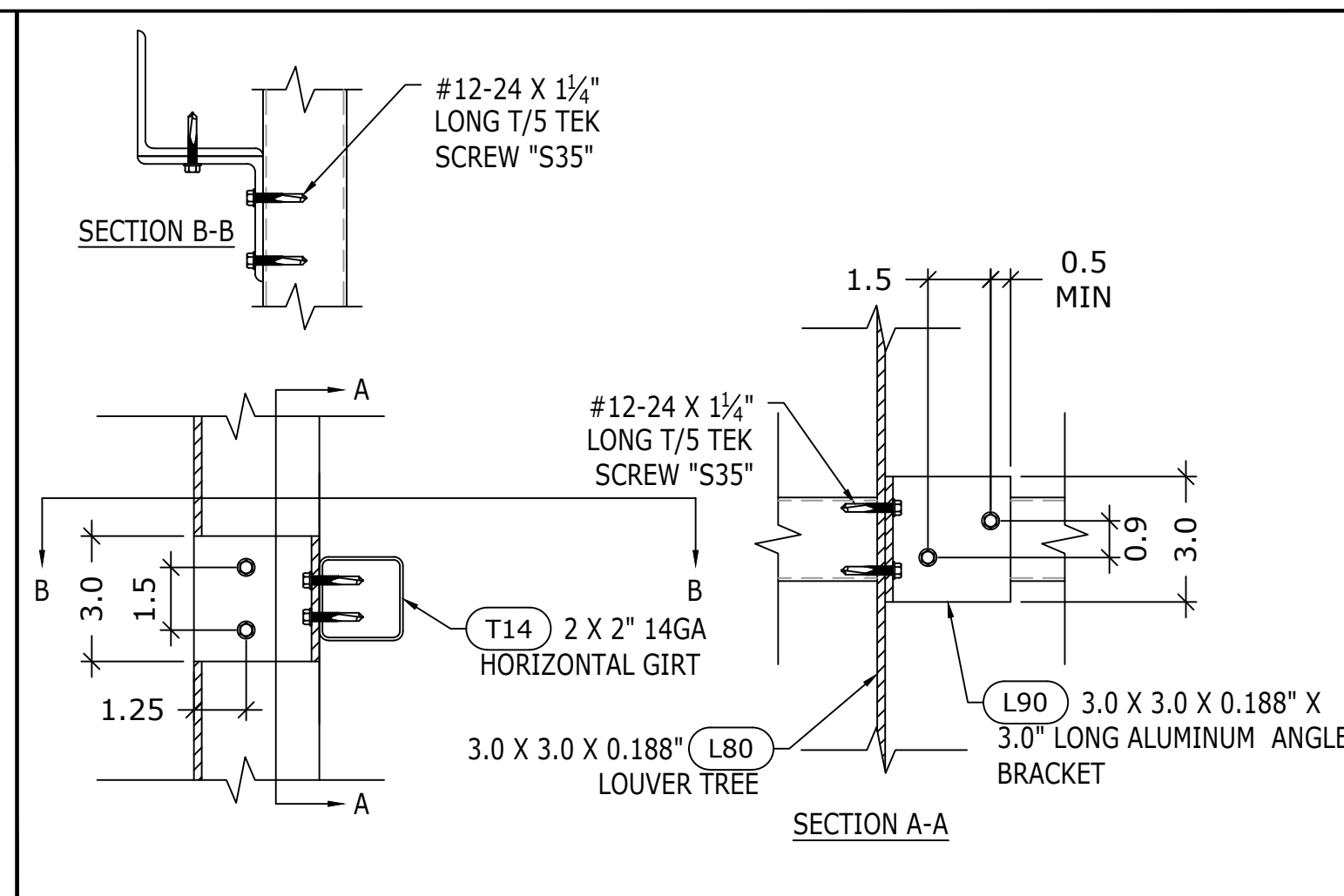
4 L10 LOUVER TO LOUVER TREE ATTACH SCALE: NTS



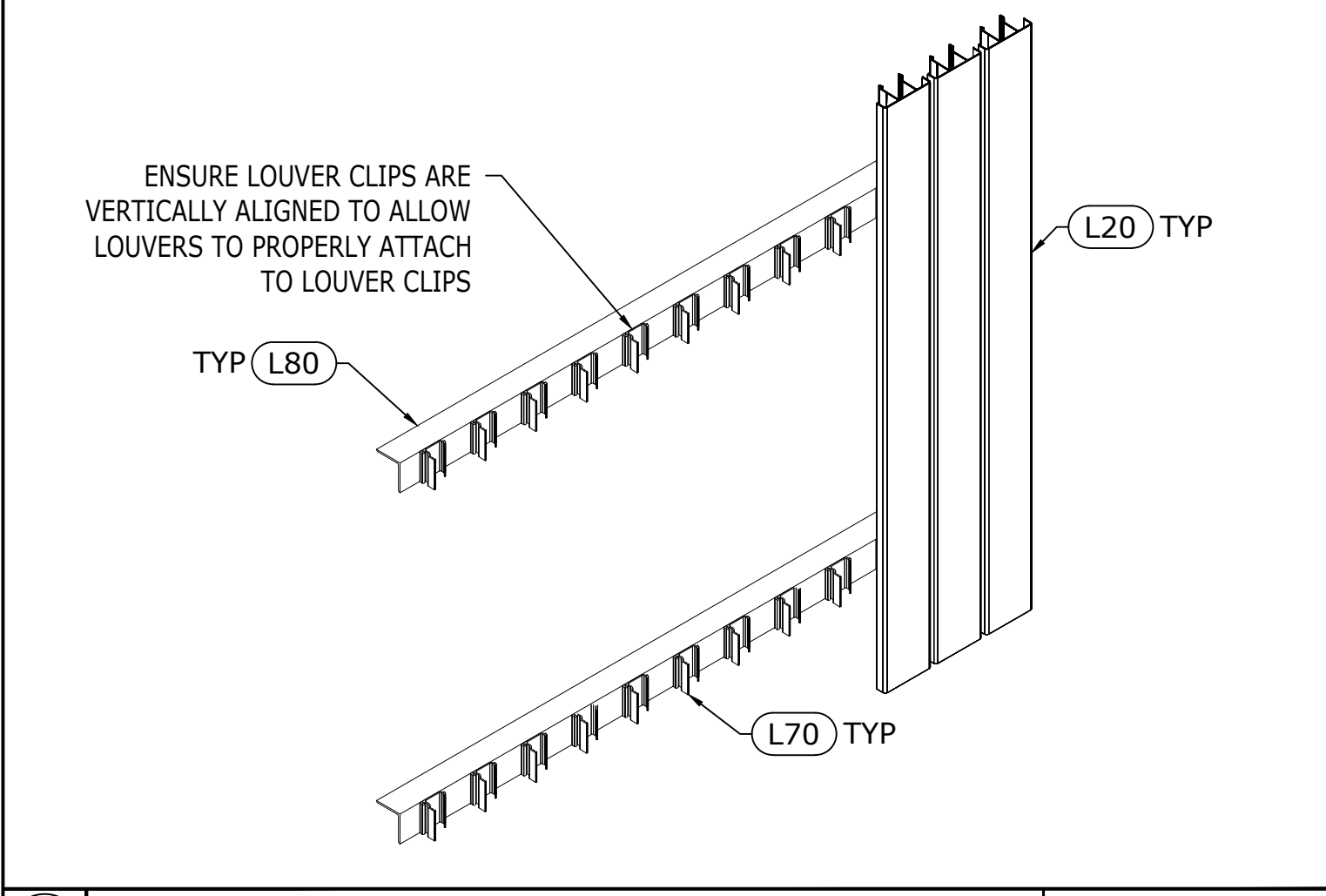
3 LOUVER TREE SCALE: NTS



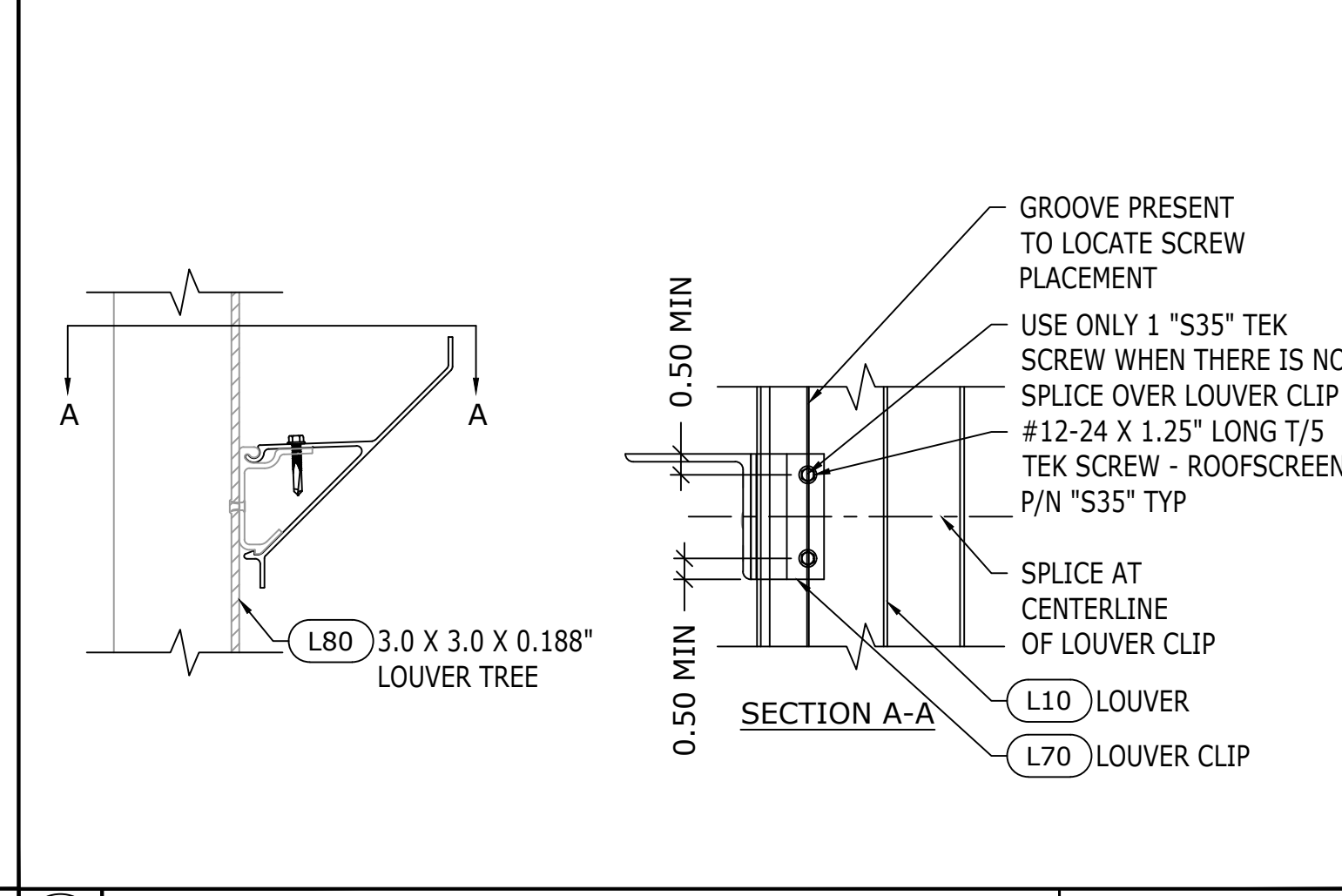
2 HORIZONTAL LOUVER TREE TO "T14" GIRT ATTACH SCALE: NTS



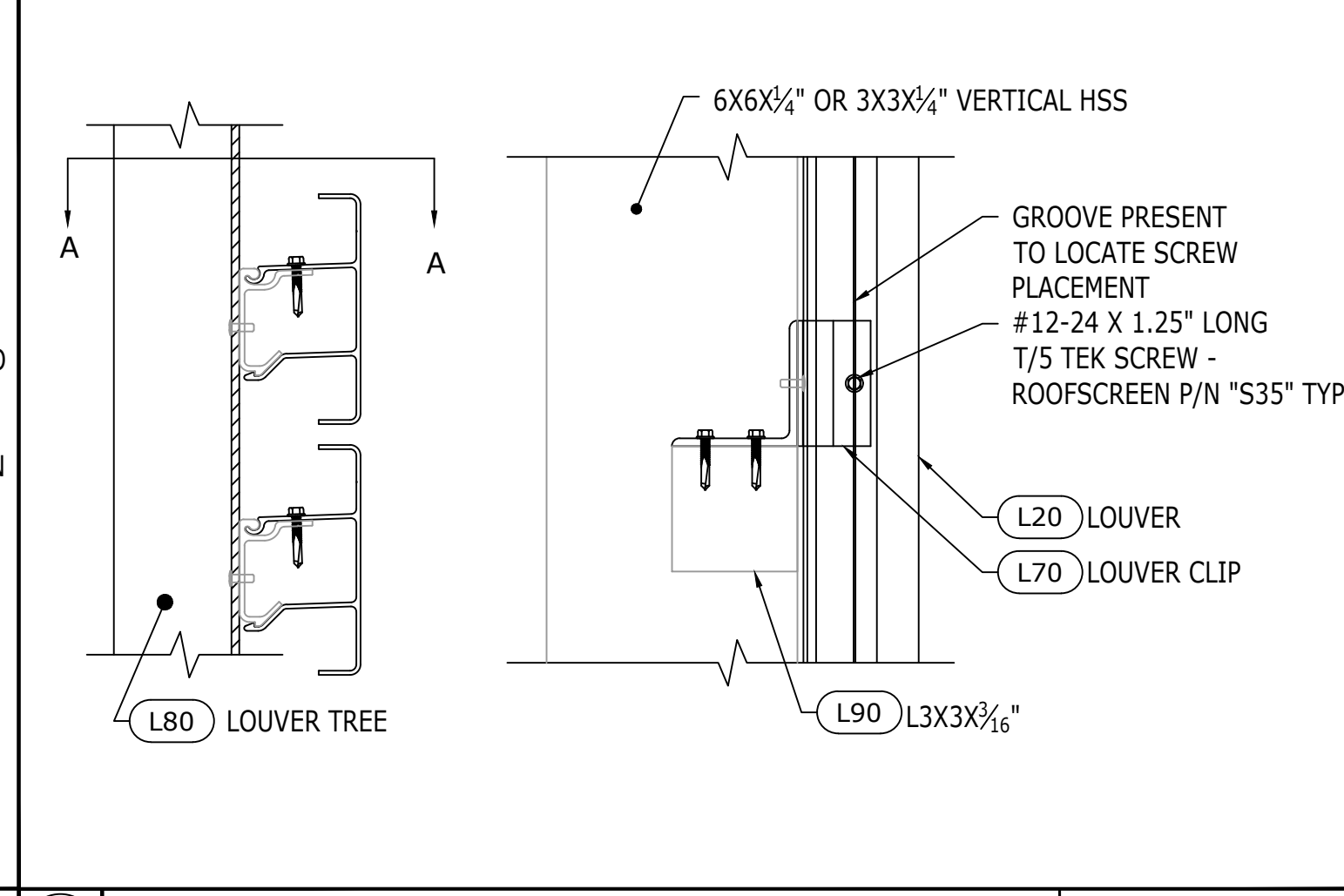
1 LOUVER TREE TO "T14" GIRT ATTACH SCALE: NTS



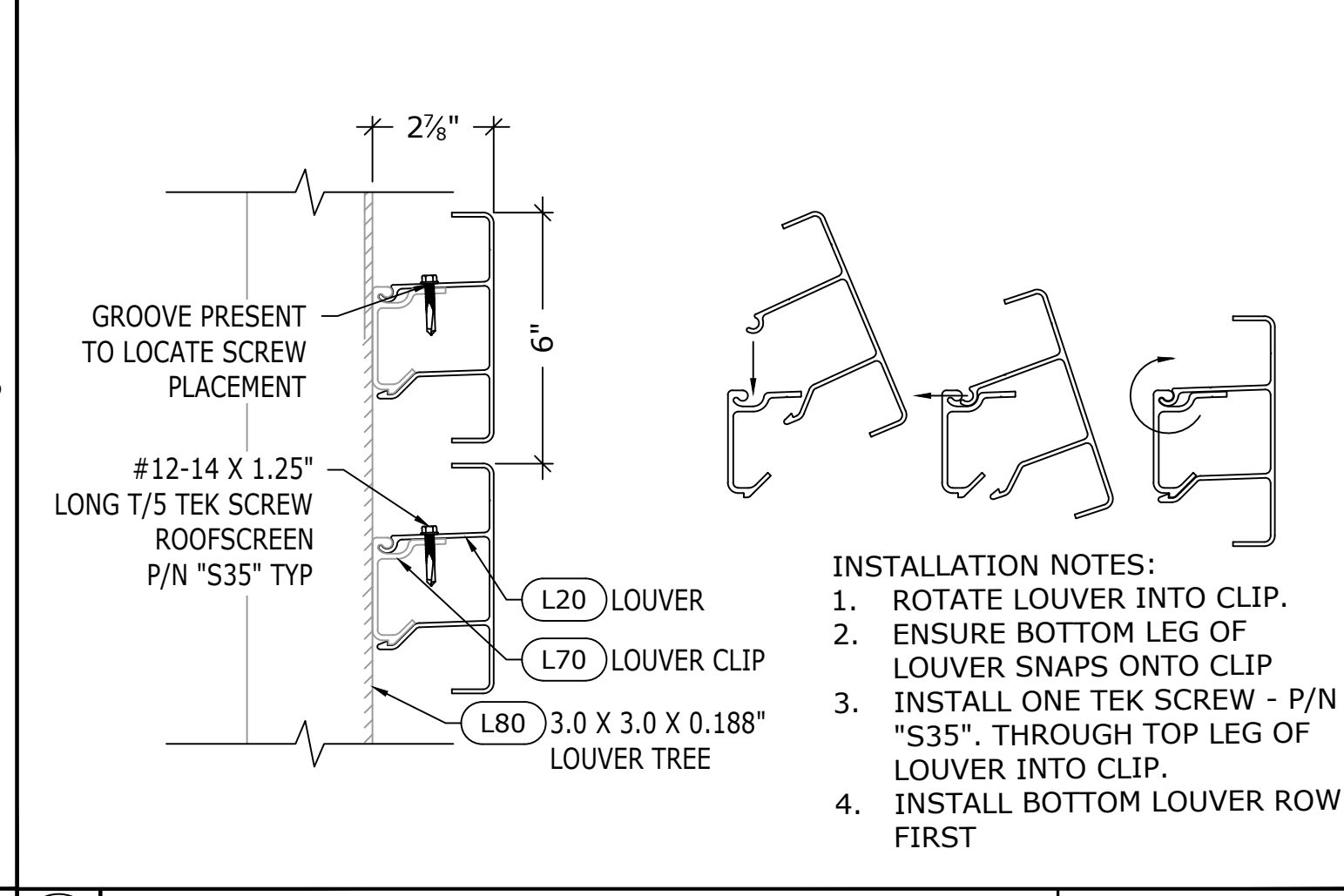
8 LOUVER TREE ALIGNMENT SCALE: NTS



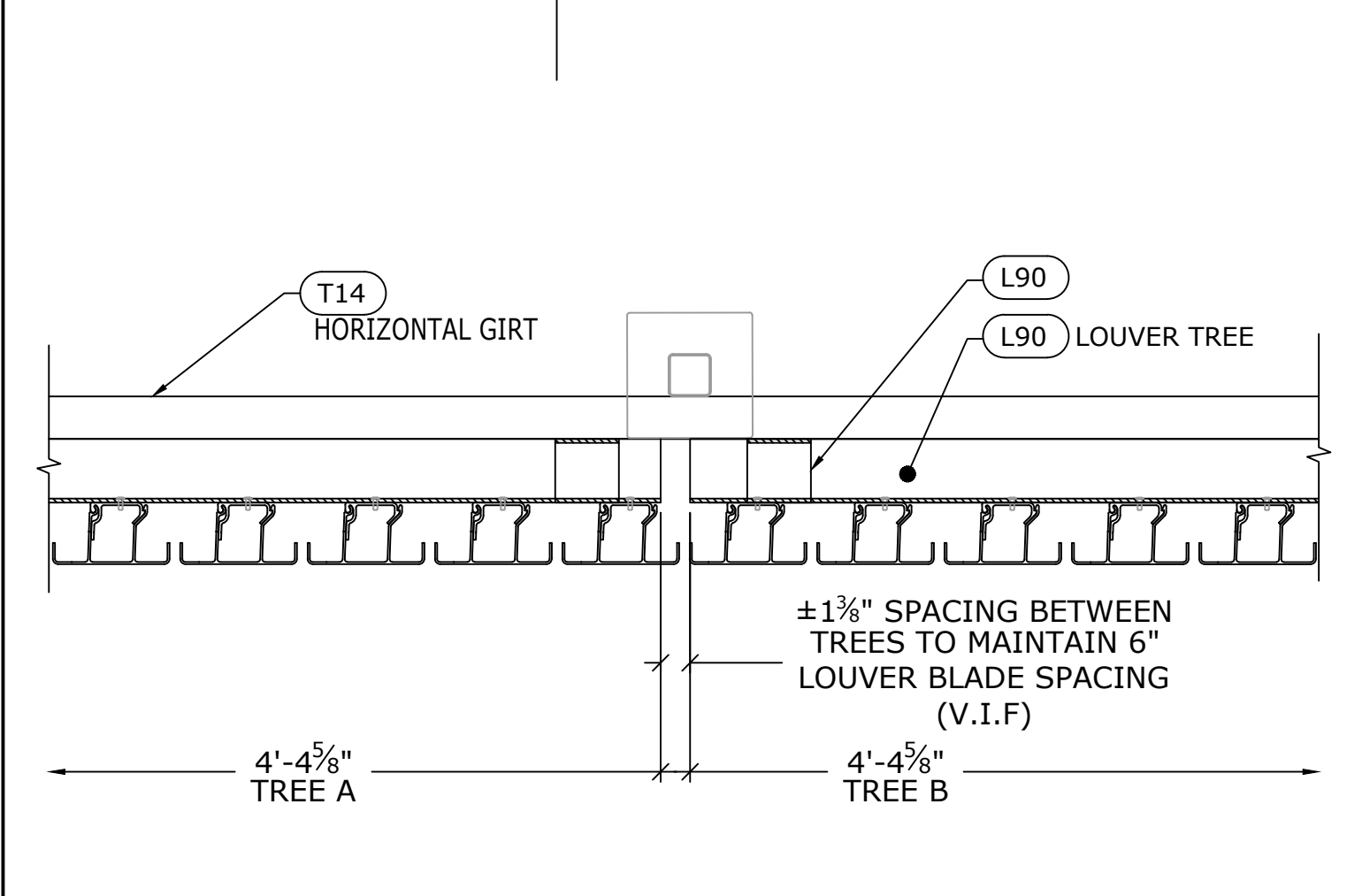
7 L10 LOUVER SPLICE AT LOUVER CLIP SCALE: NTS



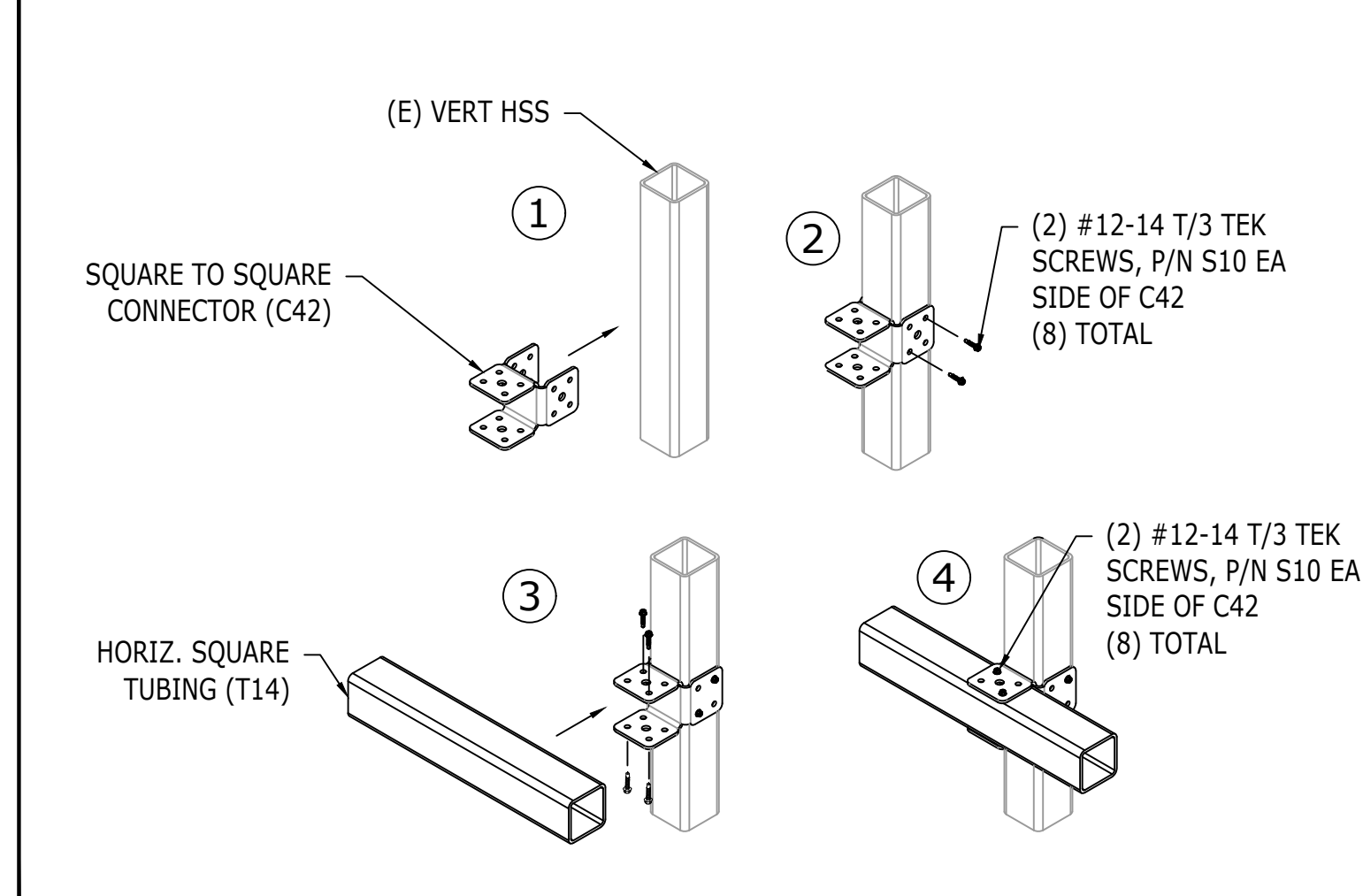
6 LOUVER CLIP TO LOUVER TREE ATTACH SCALE: NTS



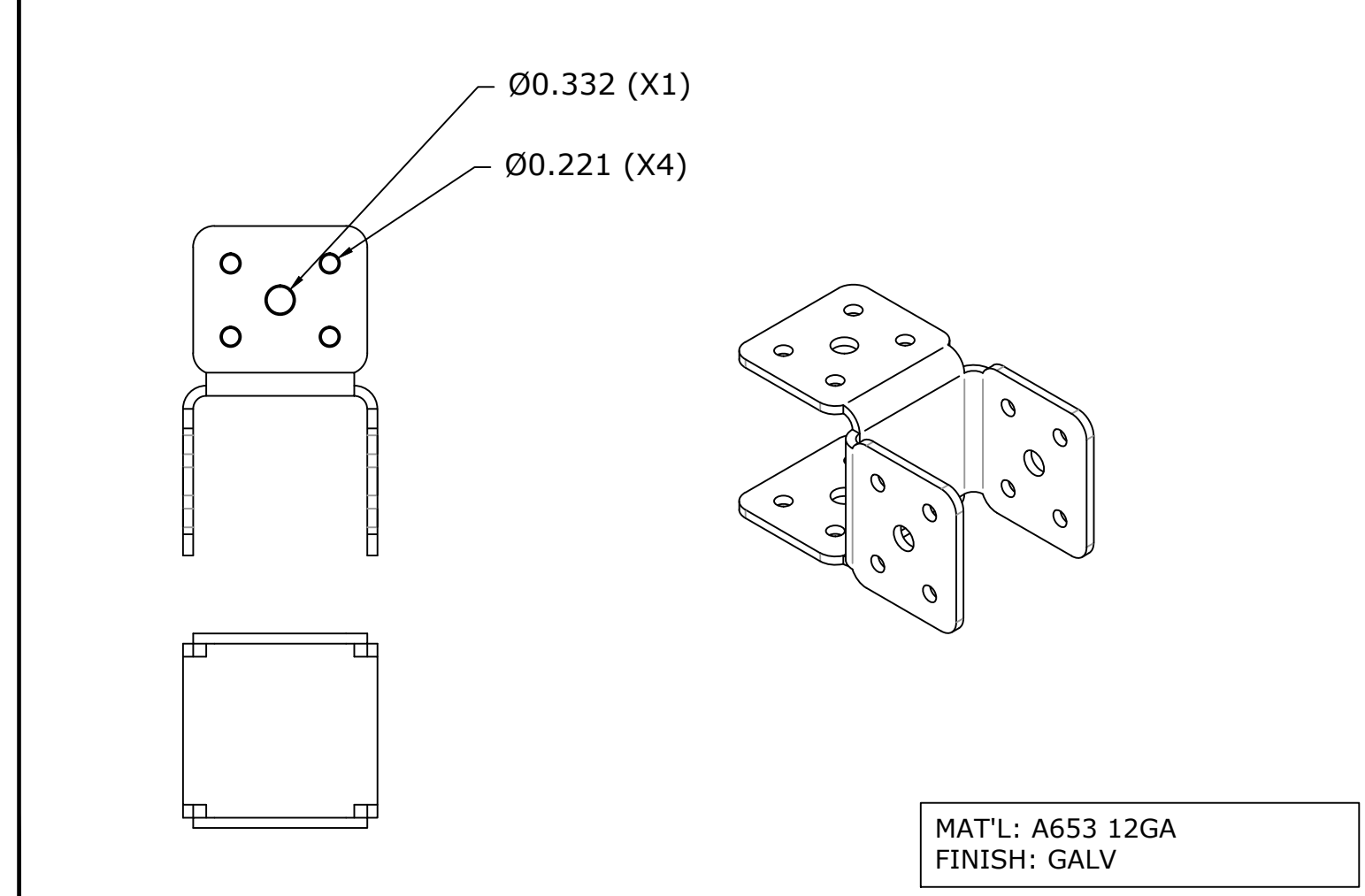
5 L20 LOUVER TO LOUVER TREE ATTACH SCALE: NTS



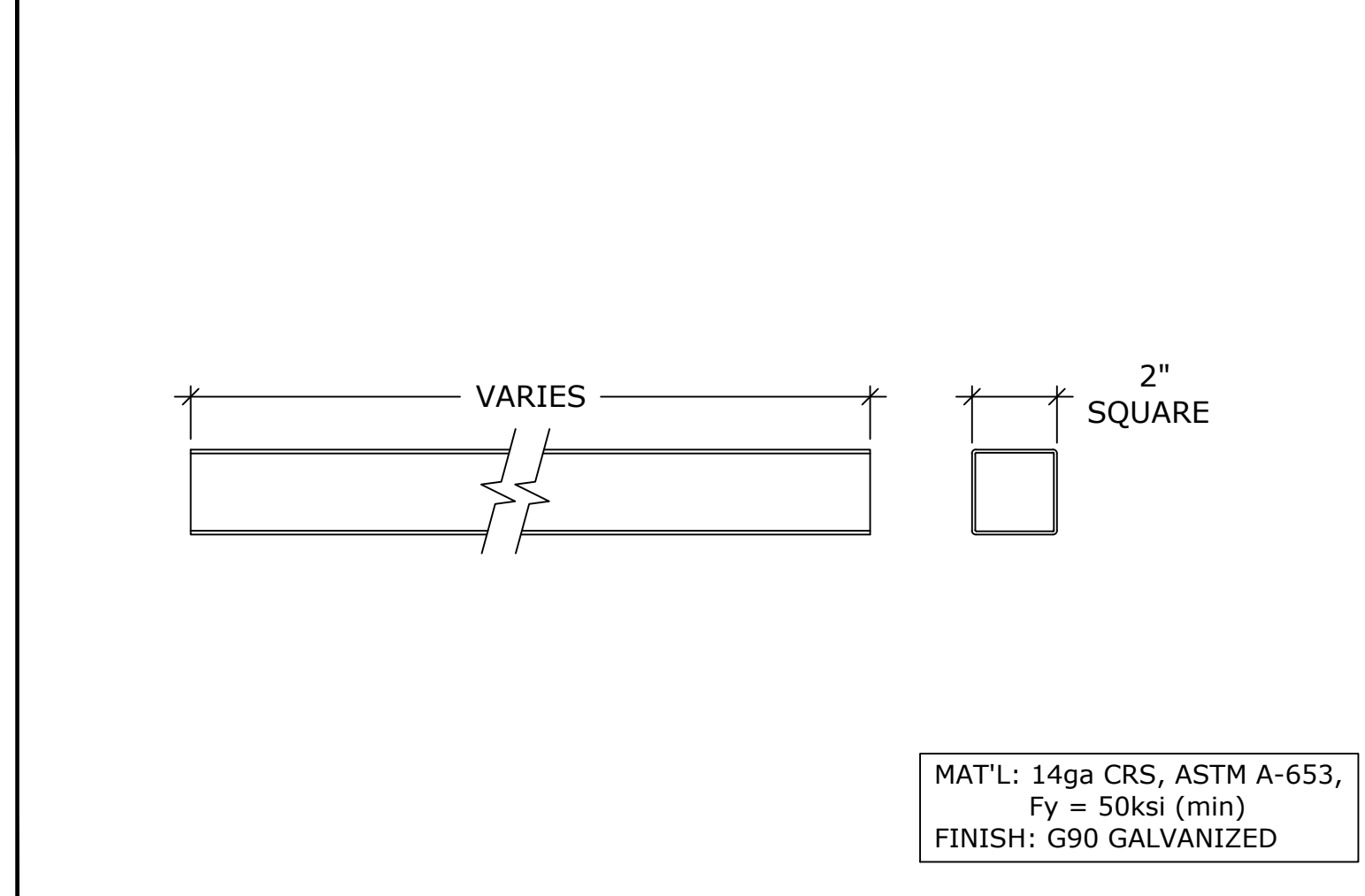
12 HORIZONTAL LOUVER TREE SPLICE SCALE: NTS



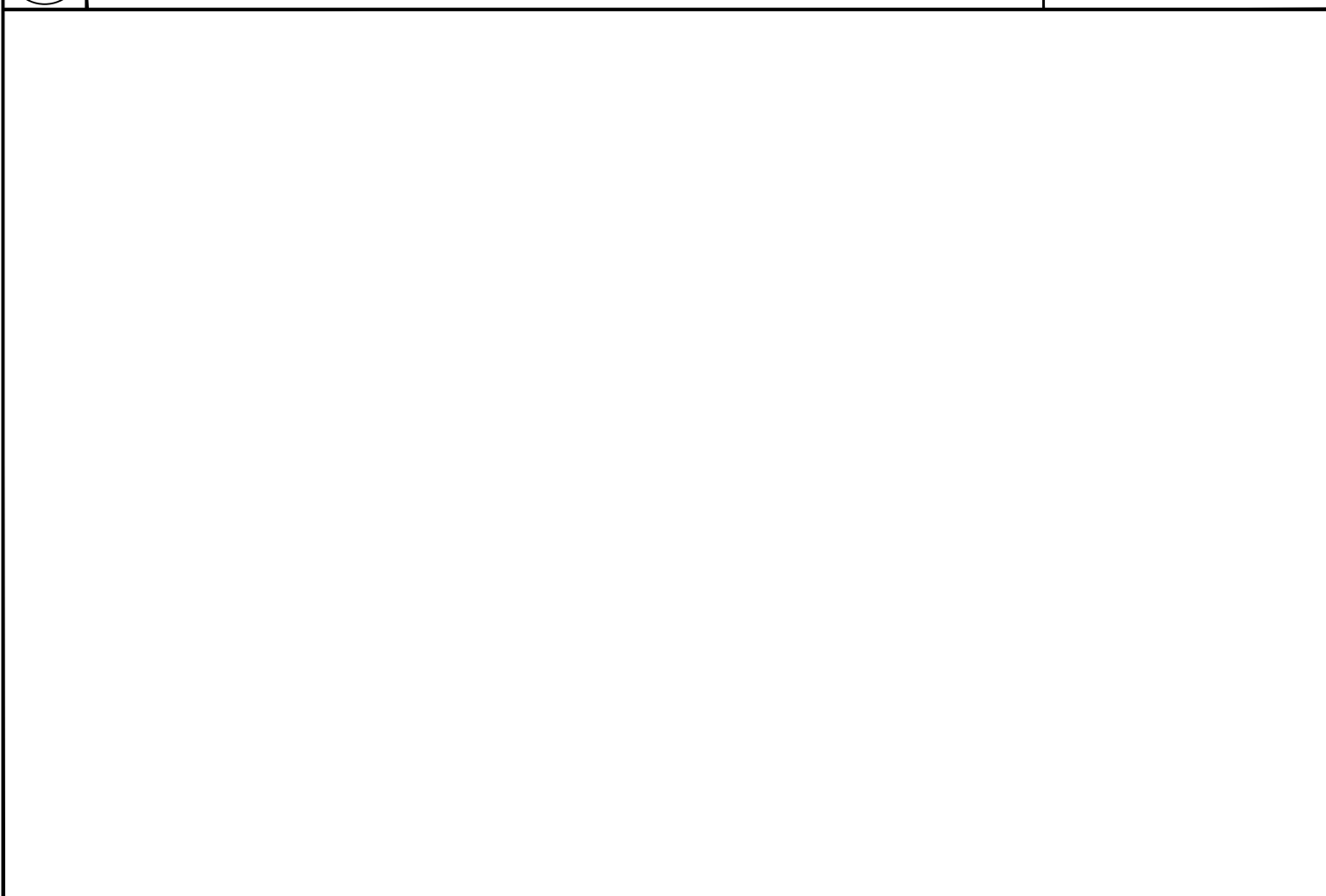
11 HORIZ T14 TO VERT HSS SCALE: NTS



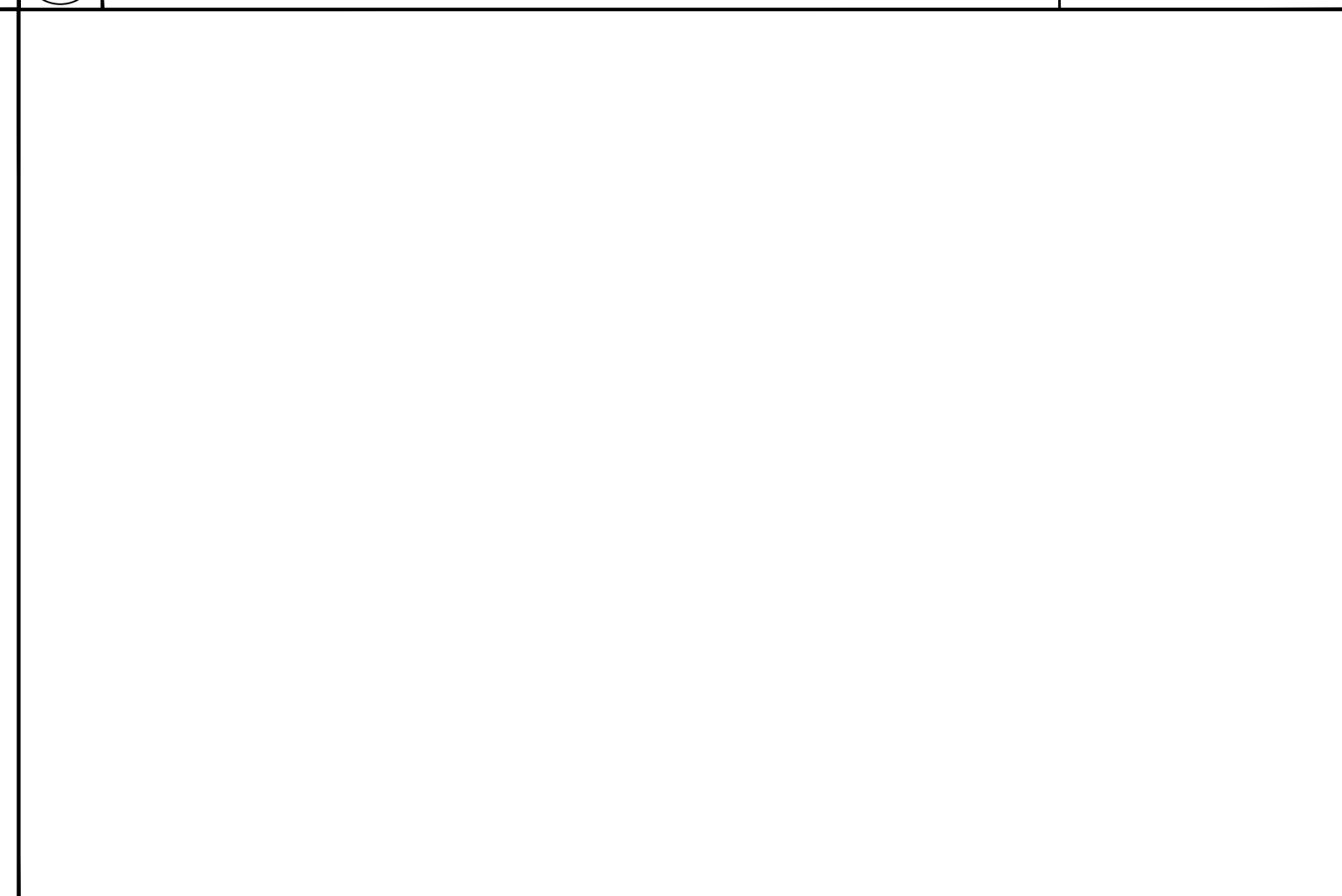
10 C42 SQUARE TO SQUARE CONNECTOR SCALE: NTS



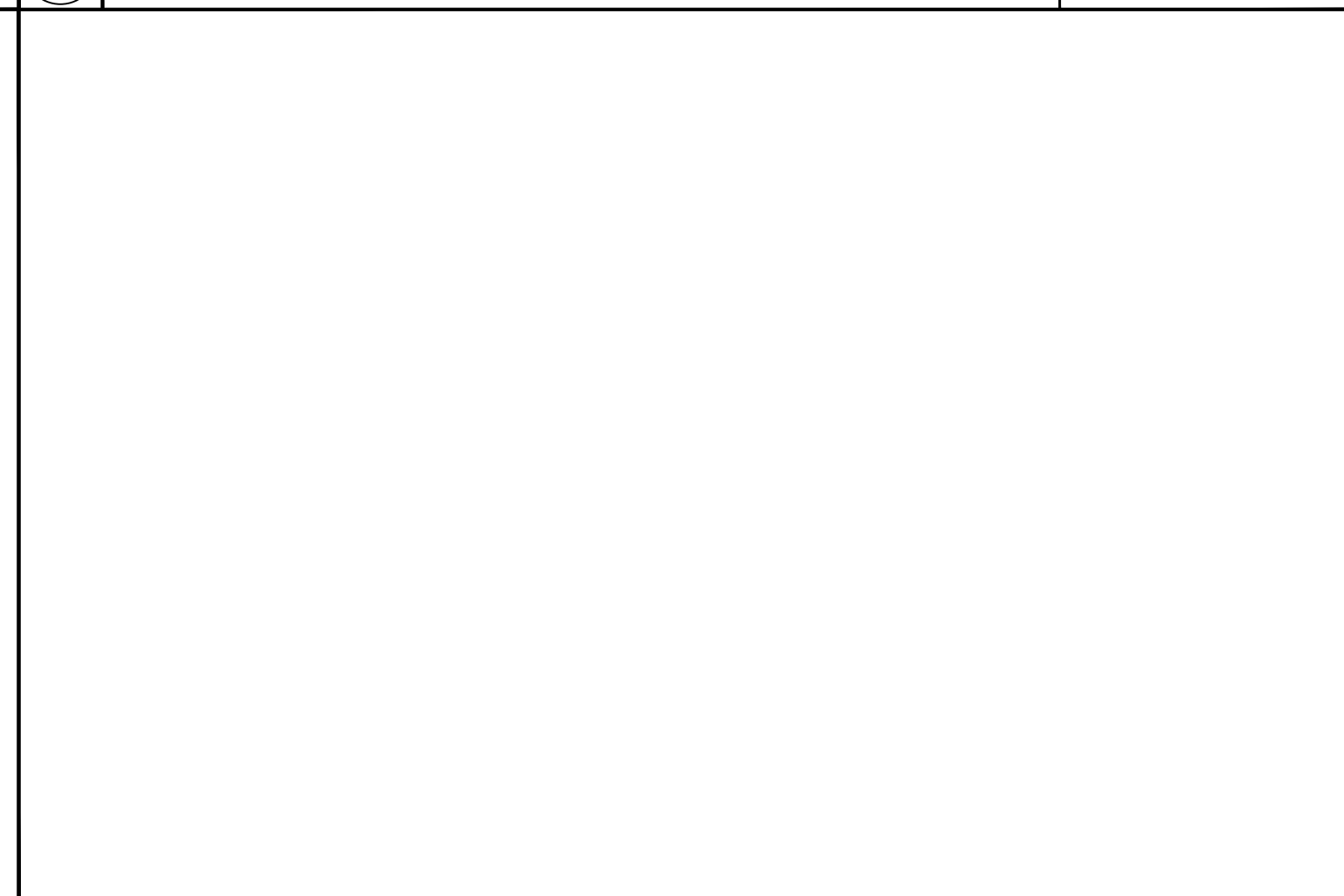
9 2" X 2" SQUARE T14 GIRT SECTION SCALE: NTS



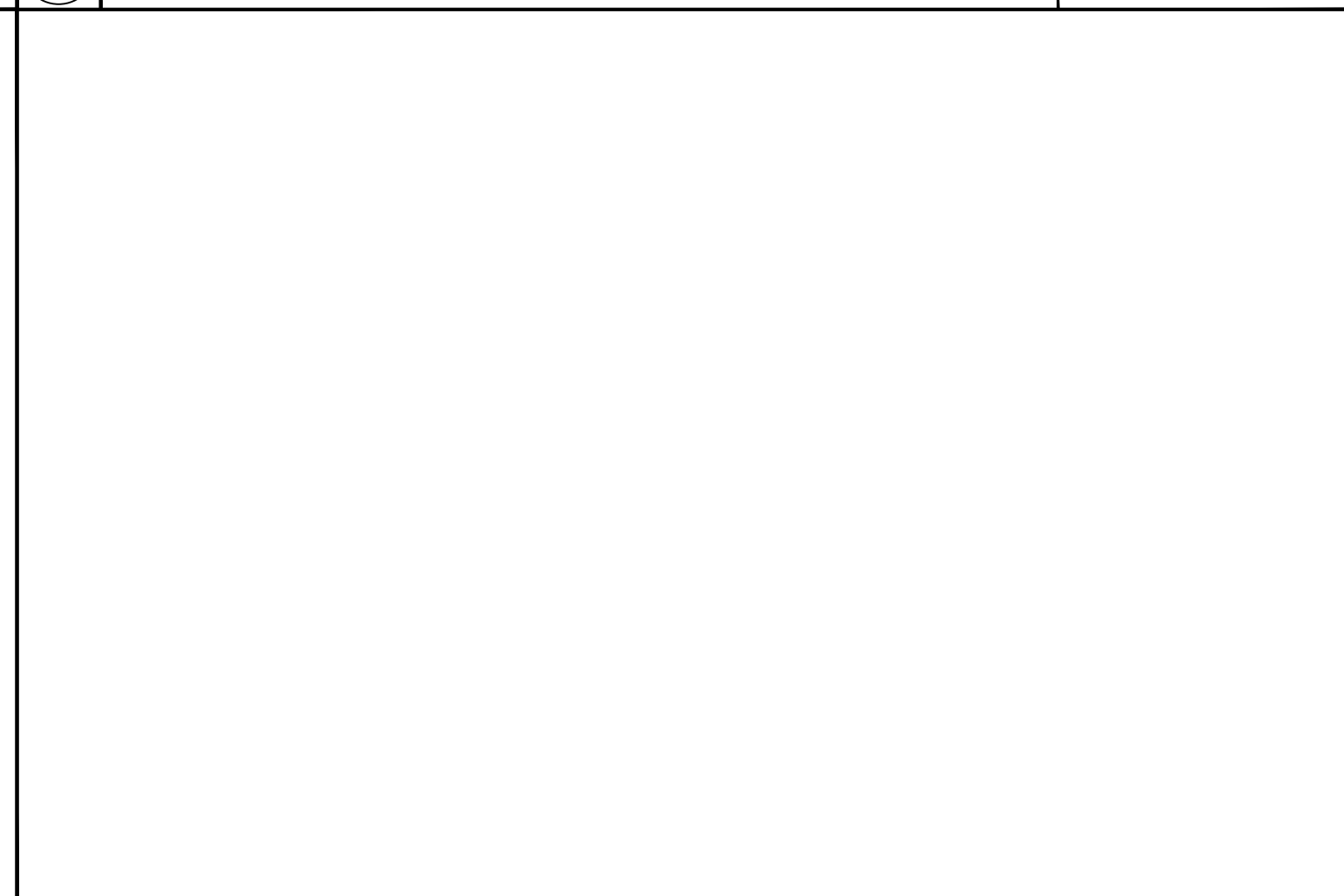
2 SCALE: NTS



3 SCALE: NTS



4 SCALE: NTS



5 SCALE: NTS

REV	DESCRIPTION	BY	DATE
1	CONSTRUCTION DOCUMENTS	KS	01/27/23
2			
3			
4			

REV	DESCRIPTION	BY	DATE
1	CONSTRUCTION DOCUMENTS	KS	01/27/23
2			
3			
4			

LOUVER SAMPLE SHOPS

347 CORAL ST. SANTA CRUZ, CA 95060

ROOFSCREEN MFG., INC.
347 CORAL STREET
SANTA CRUZ, CA 95060
TEL: 831.426.0000
INFO@ROOFSCREEN.COM

RoofScreen

ROOFSCREEN PART/ASSEMBLY DETAILS

PARTS/ASSEMBLY DETAIL DIMS IN INCHES U.N.O.

DRAWN BY: KS

CHECKED BY: RB

JOB NUMBER: 5678

SHEET

RS-3