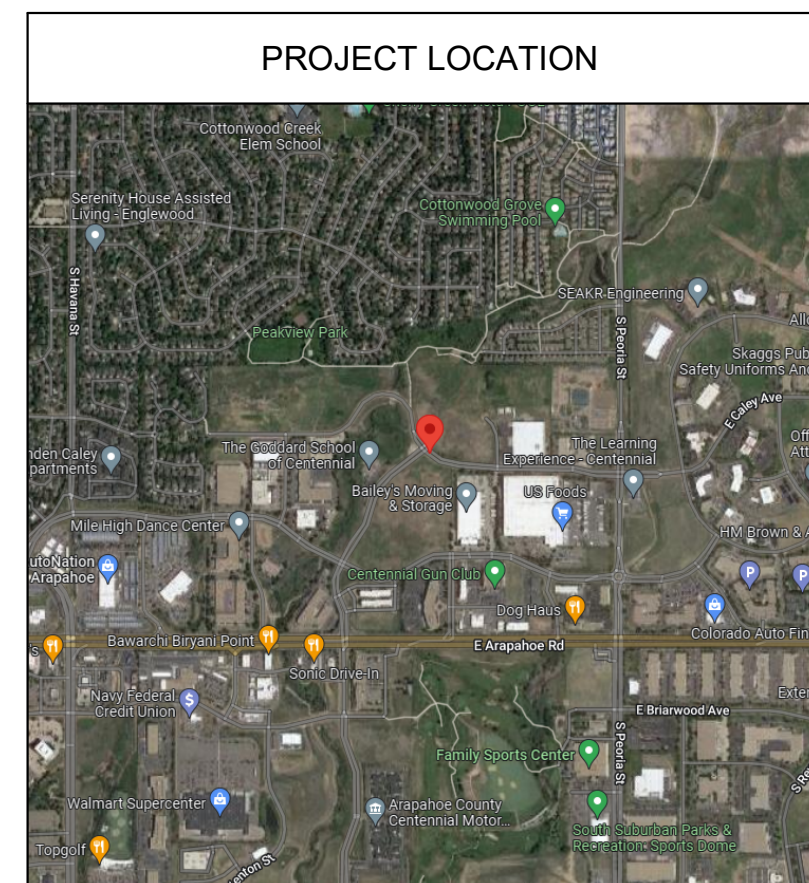


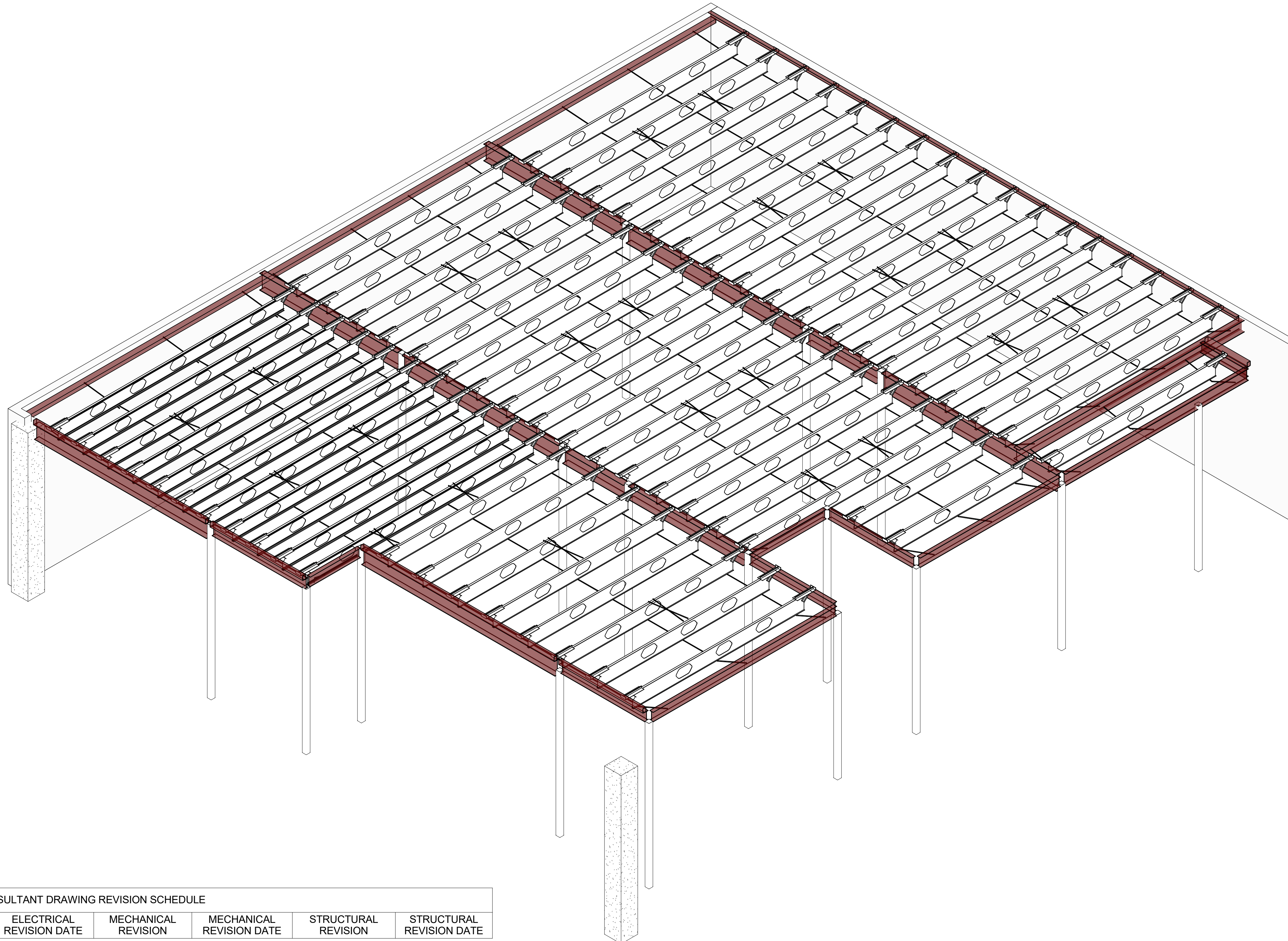
COMPOSITE TOTALJOIST FRAMING FOR

SOUTH VALLEY MEZZANINE

1511 E CALEY AVE, CENTENNIAL, COLORADO, CO 80111



SHEET LIST			
SHEET NUMBER	CURRENT REVISION DATE	CURRENT REVISION	SHEET NAME
S.100	2022-08-18	3	COVER PAGE
S.101	2022-08-18	3	SCHEDULES
S.202	2022-08-18	3	2ND FLOOR FRAMING PLAN
S.203	2022-08-18	3	2ND FLOOR HOLE LAYOUT
S.500	2022-08-18	3	COMPOSITE FASTENING DETAILS
S.501	2022-08-18	3	FLOOR DETAILS
S.502	2022-08-18	3	2ND FLOOR FRAMING & LAYOUT



CONSULTANT DRAWING REVISION SCHEDULE							
ARCHITECTURAL REVISION	ARCHITECTURAL REVISION DATE	ELECTRICAL REVISION	ELECTRICAL REVISION DATE	MECHANICAL REVISION	MECHANICAL REVISION DATE	STRUCTURAL REVISION	STRUCTURAL REVISION DATE
SOUTH VALLEY PREFAB	2021-10-29	N/A	N/A	N/A	N/A	PERMIT SET	2022-03-22

3	ISSUED FOR CONSTRUCTION	2022-08-18
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1	ISSUED FOR APPROVAL	2022-04-18
NO.	ISSUE	DATE



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DRAWINGS SHALL NOT BE SCALED.

CLIENT NAME

THE BECK GROUP- DENVER

PROJECT NAME

SOUTH VALLEY MEZZANINE

1511 E CALEY AVE, CENTENNIAL, COLORADO, CO	80111
SHEET NAME	

SHEET NAME	80111
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COVER PAGE

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PROJECT NO.:	DRAWING NO.
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20221727	
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DATE: 0100

2022-04-05	\$ 100
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S.100

GENERAL NOTES

- 1.0

The design of the work displayed on these drawings is in accordance with the ICC IBC- [2021], CSA standard AISI S100-[16] North American standard for the design of cold formed steel structural members, ACI 318-[19] building code requirements for structural concrete and AISC 360-[16] design of steel structures.
- 2.0

These drawings are to be read in conjunction with the structural, architectural, mechanical, and electrical drawings. The owner (or appointed representative) and the contractor shall check the drawings for conflicts in dimensions and locations of building components related to the work shown on these drawings. Any discrepancies shall be reported to iSPAN Systems LP before the start of the fabrication process.
- 3.0

Provision for future expansion or alterations:
3.01 The structure has not been designed for future lateral expansion.
3.02 The structure has not been designed for future vertical expansion.
- 4.0

The installer shall notify iSPAN Systems LP of any damage to product prior to it being installed and within 24 hours of delivery. iSPAN will address the damage promptly and / or agree on a solution to proceed at iSPAN's cost. If damaged product is installed or notification is given later than 24 hours from delivery, the installer shall be responsible for the cost of labour and material to repair damaged materials.
- 5.0

[The engineer of record is responsible for the review of existing construction for the additional loads as per the proposed construction.]

LOADING

- 1.0

General
- 1.01

The structure has been designed for the loads shown on these drawings only. No other loads have been considered in the design including, but not limited to, lateral loads, loads to support top of concrete / masonry walls, loads to brace beams by others, etc.
If additional loading is required that is not shown on these drawings, the consultant responsible for the design of the element imposing load shall provide the following to iSPAN:
i. Specified load magnitude and type.
ii. Specified load location at all locations where loads are imposed.
- 1.02
- 2.0

Gravity Loads

Floors	
Live Loads	
Units	125 psf
Dead Loads	
3" SLAB	40 psf
S.D.L	25 psf

- 2.01 See plans for special loading areas.

DEFLECTION LIMITS			
FLOORS		ROOF	
LIVE LOAD	L/480	LIVE LOAD	L/360
TOTAL LOAD	L/240	TOTAL LOAD	L/180

MATERIAL

- 1.0

Miscellaneous Metals
- 1.01

All miscellaneous materials shall be designed by others. Where loads are imposed on the structure from the miscellaneous materials, the designer of the miscellaneous materials shall inform iSPAN of location(s), load type and magnitude of all loads.
- 1.02

Elements not specified upon these drawings shall be deemed as miscellaneous metals.
- 1.03

Examples of miscellaneous materials include, but are not limited to, ladders, railings, stair stringers, risers, treads, permanent seating and associated framing, permanent shelving and associated framing, grating, framing to support finishing materials, etc.
- 2.0

CFS Material
- 2.01

18ga joists: ASTM A653 SS grade 50.
- 2.02

16ga and 14ga joists: ASTM A653 HSLA grade 60
- 2.03

Galvanized coating thickness is minimum G60
- 2.04

All other sheet metal: ASTM A653 SS grade 50 U.N.O.
- 3.0

Fasteners
- 3.01

Anchor bolts conform to ASTM A307 grade C.
- 3.02

Structural bolts, nuts and washers conform to ASTM F3125 A325.
- 3.03

Sheet steel screws shall be ITW self drilling, self tapping screws or equivalent.
- 3.04

All sheet steel screws and connectors shall be corrosion resistant. minimum coating 0.0007" of mechanical zinc.
- 4.0

Welded Connections
- 4.01

Arc welding shall be performed by a fabricator certified in accordance with appropriate AWS standards and procedures for the type and position of welding being performed.
- 4.02

Arc welds thickness from 1/32" to 1/8": Welding shall conform to the requirements of AISI S100 and shall be performed with the applicable requirements of AWS D1.3.
- 4.03

When welding thicknesses over 1/8", welding shall conform to AWS D1.3.
- 5.0

Concrete For Floors
- 5.01

Concrete shall be minimum 3000 psi compressive strength in accordance with ACI 318-[19].
- 5.02

Max water to concrete ratio of 0.55.
- 5.03

Max siliceous or carbonate aggregate in accordance with ACI 318-[19].
- 5.04

Areas exposed to freezing and thawing shall have 6% to 8% air entrainment (class f1).
- 5.05

Concrete in garage areas shall contain minimum 6x6 6/6 welded wire mesh. Concrete in all other areas may contain macro synthetic fiber approved included in UL G555 at a dosage of 4 lbs/yd³ in lieu of or in addition to welded wire mesh. Contractor shall coordinate compressive strength tests during each pour, min. 3 cylinders per 100 yd³ and shall forward the test results to iSPAN.

EXECUTION

- 1.0

General
- 1.01

Fabrication and erection shall conform to the approved shop drawings. Modifications required to accommodate as-built conditions shall be submitted to iSPAN for approval prior to making modifications.
- 1.02

Any unauthorized modifications shall be repaired in accordance with iSPAN and / or engineer of record direction at the contractor's expense, including labour, materials, and engineering cost.
- 2.0

Fasteners And Welds
- 2.01

Ensure that connected parts are in contact. Provide clamping before welding or mechanically fastening as required.
- 2.02

Companies engaged in welding shall be certified by the American Welding Society, see materials, section 4.0 for details
- 2.03

Touch-up welds and coatings damaged by welding with zinc rich paint according to ASTM A-780.
- 2.04

Penetration of sheet metal screws beyond joined materials shall be not less than 3 exposed threads. Sheet metal screw installation shall conform to the manufacturer's recommendations.
- 2.05

Screws shall not be placed closer than 3 times the diameter from the edge of any part nor shall they be closer than 3 times the diameter to adjacent screws.
- 2.06

Sheet metal screws covered by sheathing materials shall have low profile heads.
- 2.07

Install concrete anchors in accordance with manufacturer's recommendations, including drilling and cleaning procedures, minimum edge distance and minimum anchor spacing. (See iSPAN details for minimum anchor embedment as required).
- 3.0

Handling And Storage Of Materials
- 3.01

Products shall be protected from conditions that may cause physical damage or corrosion.
- 3.02

Handling and lifting of prefabricated panels and joists shall not cause permanent distortion to any member or collateral material.
- 4.0

Erection
- 4.01

Methods of construction may be either piece by piece (stick-built) or by fabrication into panels (panelized) either on or off site.
- 4.02

Do not exceed design loads during construction.
- 4.03

Temporary bracing shall be employed wherever necessary to withstand all loads to which the structure may be subject to during erection and subsequent construction. Temporary bracing shall be left in place as long as required for the safety and integrity of the structure. The erector shall ensure that during the erection, a margin of safety consistent with the requirements of the IBC and AISI S100 exists in the uncompleted structure.
- 4.04

Framing shall be erected according to AISI S202 under the direct supervision of an approved and qualified foreman.
- 4.05

Do not cut openings in framing members except when approved in writing by iSPAN. Cutting of steel members, when approved, shall be by saw or shear, torch cutting is not permitted.
- 4.06

For the purposes of this section, camber is defined as the deviation from straightness of a member or any portion of a member with respect to its major axis, and sweep is defined as the deviation from straightness of a member or any portion of a member with respect to its minor axis.
i. For joists, sweep shall not exceed 1/720 of the member length.
- 4.07

Align web cut-outs in joists for the installation of services.
- 4.08

Make all field measurements necessary to ensure the proper fit of all members.
- 4.09

Members with localized damage are to be replaced unless a written repair detail is provided by iSPAN. Any damage shall be brought to attention of iSPAN immediately upon observation. Do not proceed until damage has been reviewed and direction has been provided in writing by iSPAN.
- 4.10

For variances of underside of joist elevation, the drywall contractor shall include shimming (including labour and materials) within their scope.
- 5.0

Concrete Placement
- 5.01

Concrete shall be placed in accordance with ACI 301
- 5.02

Concrete slab shall be placed to a constant thickness with a tolerance of +3/8" / - 1/4".
- 5.03

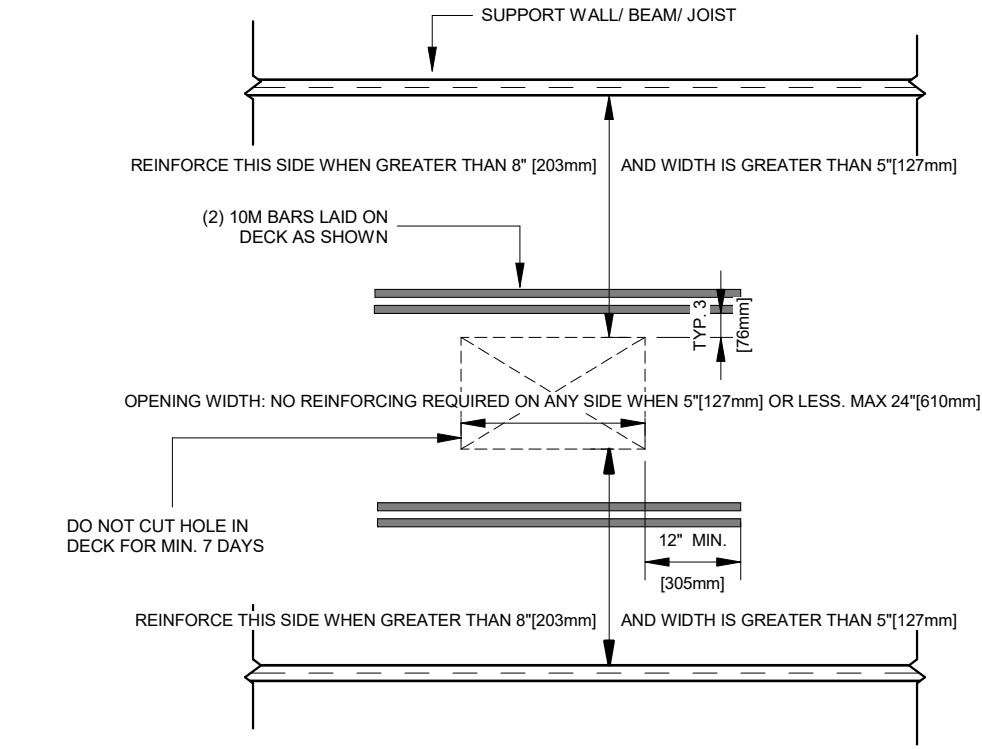
Floor flatness shall conform to:
i. 90% compliance with 1/4" maximum gap under a 10' unlevleed straight edge.
ii. 100% compliance with 3/8" maximum gap under a 10' unlevleed straight edge.
iii. Testing of floor flatness to comply with ACI 117.
- 5.04

Construction joints in concrete floors are to be placed:
i. Over supporting walls / beams when perpendicular to joists.
ii. Centered between joists when parallel to joists.
iii. Joint surfaces to be left rough and wire mech sheet to be centered on joint.
- 5.05

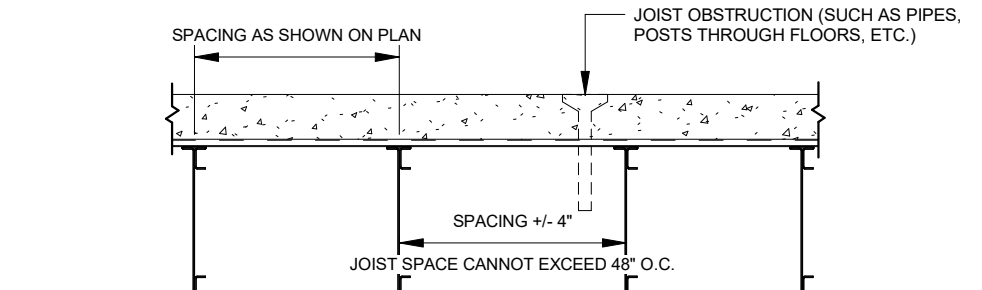
Concrete contractor shall take all appropriate measure for cold weather application. Cold weather application procedures are required when the temperature is expected to drop below 40°F within 24 hours of placing concrete as predicted by the nearest meteorological office:
i. General contractor to ensure all required materials and equipment for cold weather concreting are on hand and ready for use prior to placement of concrete. This may include but is not limited to, heaters, insulating blankets, tarps, and protection below the floor being poured.
ii. Ensure all snow and ice is removed from the deck and formwork. Calcium chloride or other de-icing salts shall not be used to de-ice deck or formwork.
iii. Deck and formwork shall be maintained at a temperature that will not allow the concrete temperature to drop below 50°F for a min. of 3 days after concrete placement or the time it takes to reach 40% of the compressive strength.
iv. After slab finishing is completed, immediately install insulating blankets over the entire slab for a min. of 3 days or the time it takes to reach 40% of the compressive strength.
v. Winter mix concrete is to be reviewed with the general contractor, engineer of record, and iSPAN.

LIST OF ABBREVIATIONS	
ABBREVIATION	DEFINITION
@	AT
A Bolt	ANCHOR BOLT
B PL	BASE (BEARING) PLATE
B.F.	BOTTOM FACE
BBO	BEAM BY OTHERS
BLDG	BUILDING
CLC, CLC or 0.6:	CENTER TO CENTER
CA OR PA	COLUMN, POST ABOVE
CANT	CANTILEVER
CBO	COLUMN BY OTHERS
CFS	COLD FORMED STEEL
CL	CENTER LINE
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DM	DIMENSION
DJ	DOUBLE JOIST
DL	DEAD LOAD
DO	DITTO
DRWG(S)	DRAWING(S)
E.E	EACH END
E.F.	EACH FACE
EA	EACH
EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
F.F.	FAR FACE
F.F.E	FINISH FLOOR ELEVATION
FDN	FOUNDATION
FIN	FINISHED
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GT	GIRDER TRUSS
INT	INTERIOR
kg	KILOGRAM
Kip	1000 LBS
KL	KILONEWTON
KN-m	KILONEWTON METER

LIST OF ABBREVIATIONS	
ABBREVIATION	DEFINITION
kN/m	KILONEWTON PER METER
kN/m²	KILONEWTON PER SQUARE METER
kPa	KILOPASCAL
Kel	1000 Psi
lbs	POUNDS
LL	LIVE LOAD
M	METRE
MAX	MAXIMUM
MC	MOMENT CONNECTION
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MPa	MEGAPASCAL
N	NEWTON
N.F	NEAR FACE
NBI	NOT BY iSPAN
No	NUMBER
NTS	NOT TO SCALE
OSB	ORIENTED STRAND BOARD
Pa	PASCAL
PL	PLATE
Psi	POUNDS PER SQUARE INCH
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION, REVISED
S.I.	SHOP INSTALLED
SL	SNOW LOAD
SPEC'S	SPECIFICATIONS
SQ	SQUARE
STD	STANDARD
T&B	TOP AND BOTTOM
TFG	TOP FACE
T.O.	TOP OF
TBC	TO BE COORDINATED
TJ	TIE JOIST
TYP	TYPICAL
UN, UNO	UNLESS NOTED OTHERWISE
US	UNDERSIDE
W.C.	CENTERED IN WALL
WL	WIND LOAD
Ø	DIAMETER

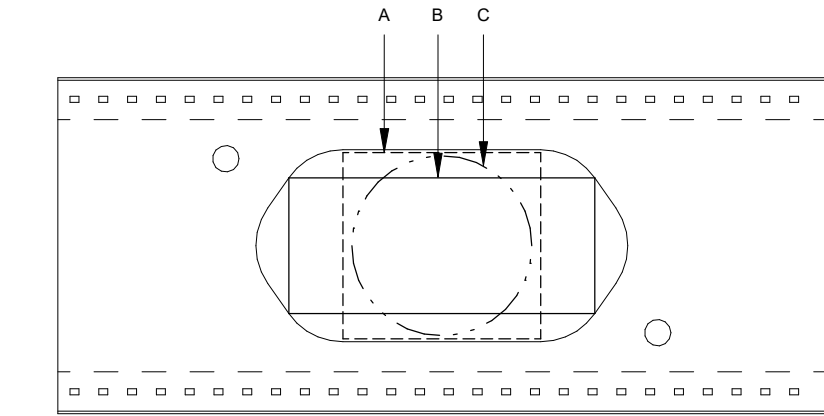


ALLOWABLE HOLES IN CONCRETE SLAB/DECK

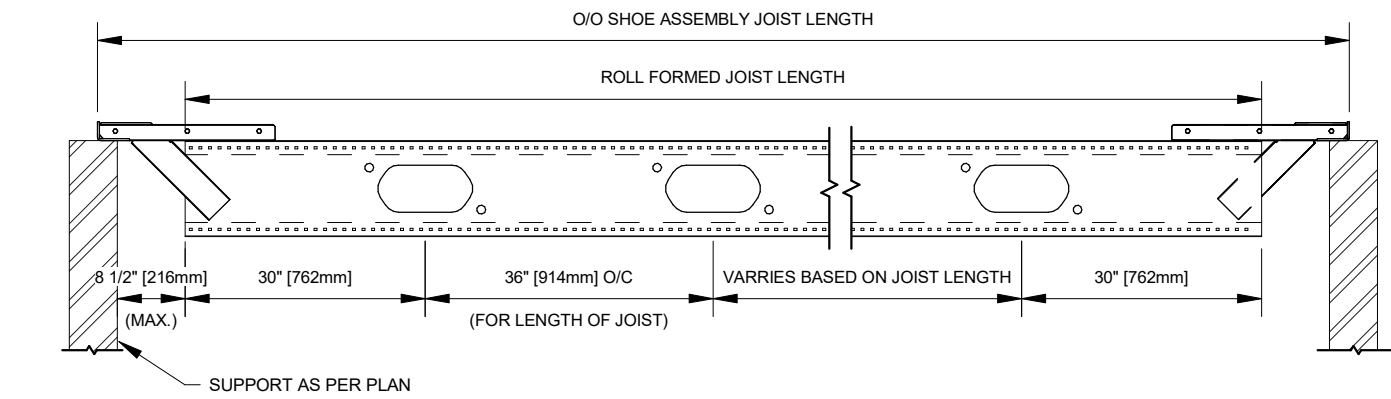


JOIST OBSTRUCTION FRAMING

JOIST OBSTRUCTION

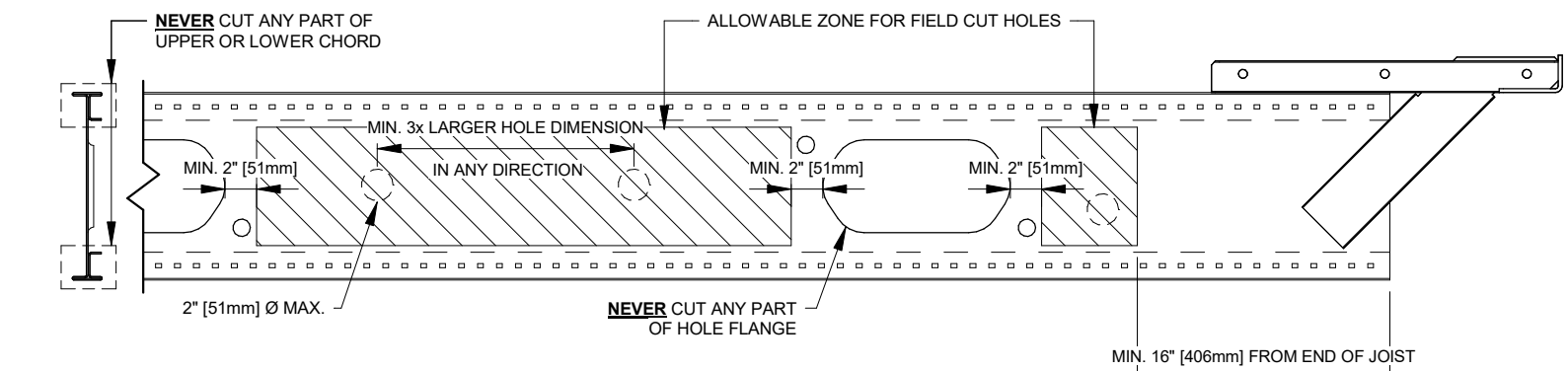


HOLE SIZING					
JOIST DEPTH	A		B		C DIAMETER
	WIDTH	HEIGHT	WIDTH	HEIGHT	
6" (203mm)	2-1/4" (57mm)	2" (51mm)	3-1/4" (83mm)	1-3/8" (35mm)	2" (51mm)
9-1/2" - 10" (241mm-254mm)	4" (102mm)	3-1/2" (89mm)	6" (152mm)	2-1/4" (57mm)	3-1/2" (89mm)
11-7/8" - 12" (302mm-305mm)	6-5/8" (168mm)	6" (152mm)	9-7/8" (251mm)	4" (102mm)	6" (152mm)
14" (356mm)	8-1/4" (210mm)	8" (203mm)	12-3/4" (324mm)	5-5/8" (143mm)	8" (203mm)
16" (406mm)	9" (229mm)	10" (254mm)	14-5/8" (371mm)	6-7/8" (175mm)	10" (254mm)



- NOTES:
1. SERVICE HOLES ARE LOCATED 30" (762mm) FROM MEMBER ENDS, AND 36" (914mm) O/C FOR, UNLESS SPECIFIED OTHERWISE
2. SEE PLANS FOR SPECIFIC HOLE LOCATIONS NOTED FOR SERVICE COORDINATION

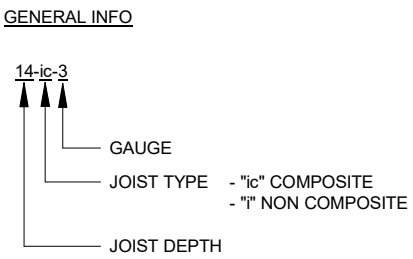
JOIST HOLE LOCATIONS - COMPOSITE TOTAL JOIST



- NOTES:
1) MAX 4 HOLES IN ANY SINGLE ZONE.
2) LARGER HOLES MAY BE ACCOMMODATED, CONTACT iSPAN SYSTEMS LP.
3) HOLES SHALL BE MADE BY SAW OR DRILL, TORCH OR PLASMA CUTTING SHALL NOT BE USED.
4) FOR SQUARE OR RECTANGULAR SHAPED HOLES, ALWAYS ROUND CORNERS.

COMPOSITE TOTAL JOIST - ALLOWABLE HOLES IN JOIST

1" = 1'-0"



NO.	ISSUE	DATE
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PROJECT NAME
SOUTH VALLEY MEZZANINE
1511 E CALEY AVE, CENTENNIAL, COLORADO, CO
SHEET NAME **80111**

SCHEDULES

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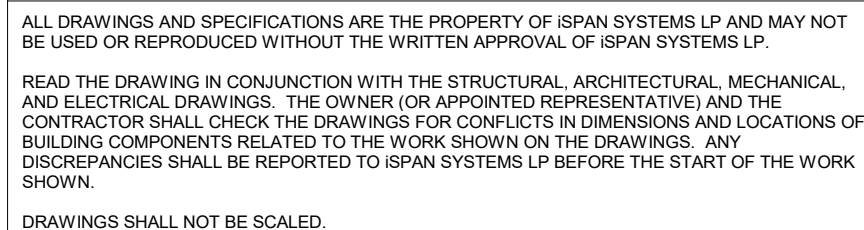
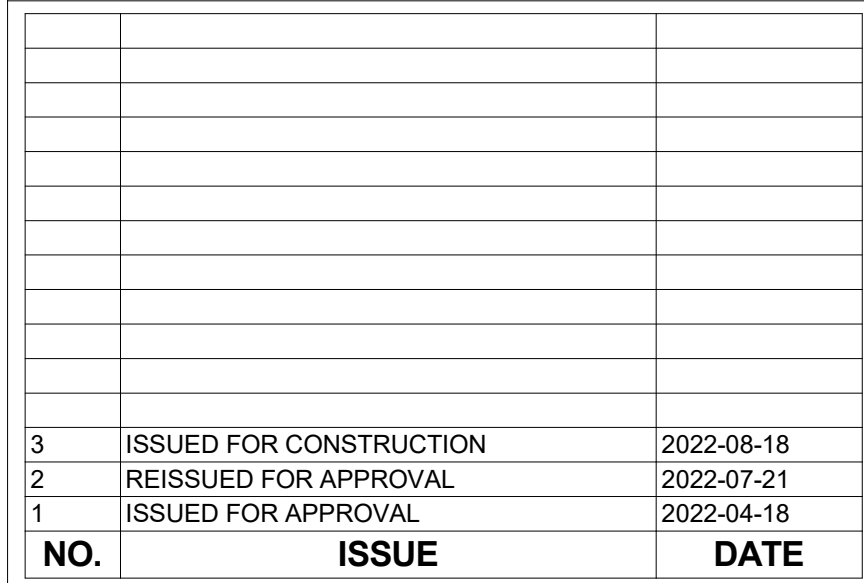
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2022-04-05

SCALE:

As indicated

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PROJECT NAME	
SOUTH VALLEY MEZZANINE	
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80111	
SHEET NAME	
2ND FLOOR FRAMING	
PLAN	

S.202



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2ND FLOOR HOLE LAYOUT

PROJECT NO.: 20221727	DRAWING NO.
DATE: 2022-04-05	S.203
SCALE: 3/16" = 1'-0"	

S.203



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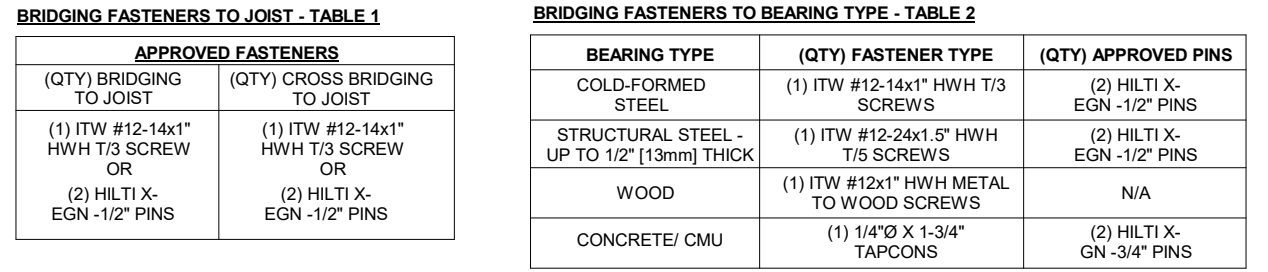
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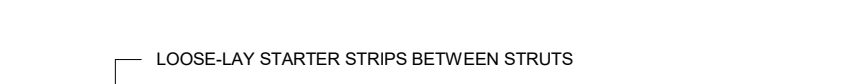
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JOIST SPACING	TOTAL JOIST DEPTH	TOTAL JOIST CROSS BRIDGING
12"	8", 10", 12"	BR-12-XS
	14", 16", 18"	BR-12-XL
16"	8", 10", 12"	BR-16-XS
	14", 16", 18"	BR-16-XL
19.2"	8", 10", 12"	BR-19-XS
	14", 16", 18"	BR-19-XL
24"	8", 10", 12"	BR-24-XS
	14", 16", 18"	BR-24-XL
30"	8", 10", 12"	BR-30-XS
	14", 16", 18"	BR-30-XL
36"	8", 10", 12"	BR-36-XS
	14", 16", 18"	BR-36-XL
42"	8", 10", 12"	BR-42-XS
	14", 16", 18"	BR-42-XL
48"	8", 10", 12"	BR-48-XS
	14", 16", 18"	BR-48-XL

STEP 1

LOOSE-LAY STARTER STRIPS BETWEEN STRUTS



STEP 2

1) PLACE FIRST FULL LENGTH PIECE STICKER SIDE DOWN. SEE DETAIL A-A FOR SIDELAP CONNECTION

2) ALWAYS PLACE SCREW @ SIDE OF DECK TO LOCATE JOISTS FOR FINAL SCREWDOWN

3) LEAVE ENOUGH ROOM FOR FULL LENGTH SHEET

4) PLACE SECOND FULL LENGTH PIECE STICKER SIDE DOWN

MAKE FIRST ROW OF DECKING STRAIGHT

SECTION A-A

STEP 3

This diagram illustrates the third step in the construction of a roof truss system. It shows a horizontal section of the roof structure. A central vertical line represents the ridge. On either side of the ridge, there are several vertical lines representing the rafters. The rafters are shown as a series of parallel lines, indicating they are to be installed in pairs. The diagram is labeled 'STEP 3' in the top left corner.

NOTE: ALWAYS COMPLETE FULL ROW BEFORE LAYING NEXT ROW

CUT STARTER STRIPS TO REQUIRED WIDTH. CUT OUT DECKING AROUND STRUTS. STRIPS OF DECKING TO CORRECT LENGTH

NOTE: OPTION 2 WORKS WELL WITH CURVED AND DIAGONAL WALLS.

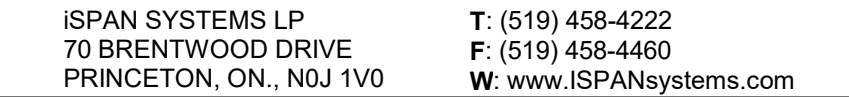
STARTER STRIP, CUT TO WIDTH

SECTION B-B

SIDELAP

NOTE: OPTION 2 WORKS WELL WITH CURVED AND DIAGONAL WALL

3	ISSUED FOR CONSTRUCTION	2022-08-18
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DRAWINGS SHALL NOT BE SCALED.

CLIENT NAME

THE BECK GROUP- DENVER

PROJECT NAME

SOUTH VALLEY MEZZANINE

1511 E CALEY AVE, CENTENNIAL, COLORADO, CO

SHEET NAME
**COMPOSITE FASTENING
DETAILS**

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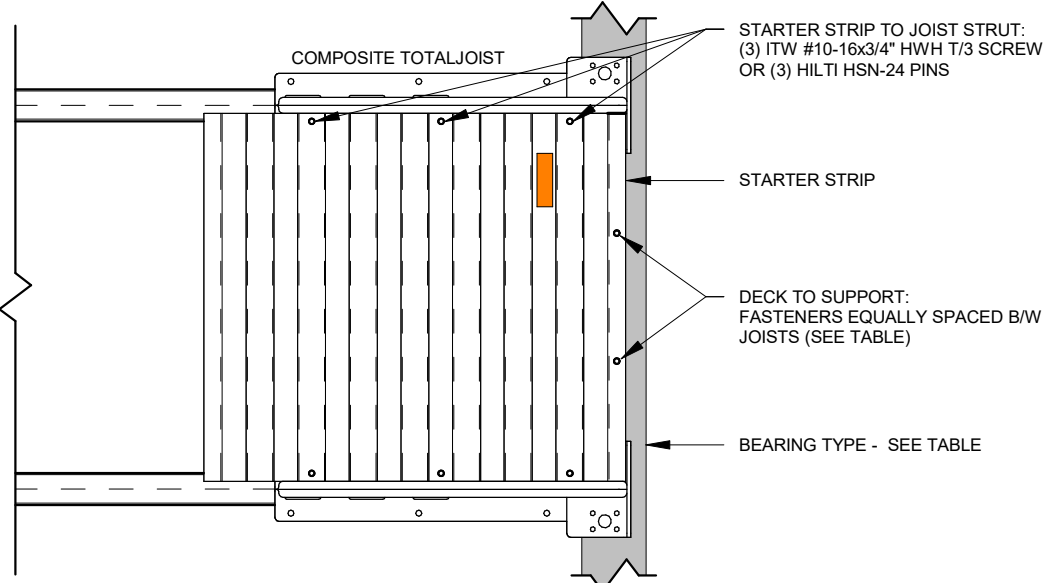
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DATE:

2022-04-05

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S.500



BEARING TYPE	(QTY) FASTENER TYPE
COLD-FORMED STEEL	(2) ITW #10-16x3/4" HWH T/3 SCREWS
STRUCTURAL STEEL - UP TO 1/2" [13mm] THICK**	(2) ITW #12-24x2" HWH T/5 SCREWS
WOOD	(2) ITW #12x1" HWH METAL TO WOOD SCREWS
CONCRETE/ CMU	(2) 1/4"Ø X 1-1/4" TAPCONS

NOTE:

- 1) FASTEN DECK TO END/EDGE & INTERMEDIATE SUPPORTS PER DETAIL BELOW :
 - a) TO COLD FORMED STEEL: MIN. #10-16x3/4" HWH T/3 SCREWS OR APPROVED PIN FASTENER
 - b) TO CONCRETE: W/ MIN. 1/4"x0x1-1/4" HWH TAPCONS
- 2) SCREW FASTEN DECK TO JOIST ONLY. NEVER WELD.
- 3) DO NOT SINGLE SPAN DECK, EXCEPT FOR STARTER STRIPS.

MIN. 2" [51mm] BEARING

POUR STOP

FASTENER TYPE - SEE TABLE

BEARING TYPE - SEE TABLE

BEARING TYPE	FASTENER TYPE
COLD-FORMED STEEL	ITW #12-14x1" HWH T3 SCREWS @ 12" [305mm] O.C.
STRUCTURAL STEEL - UP TO 1/2" [13mm] THICK	ITW #12-24x2" HWH T3 SCREWS @ 12" [305mm] O.C.
WOOD	ITW #12x1" HWH METAL TO WOOD SCREWS @ 12" [305mm] O.C.
CONCRETE/ CMU	1/4"Ø X 1-3/4" TAPCONS @ 12" [305mm] O.C.

Diagram illustrating a J-Riser / Discrete Riser. The diagram shows a cross-section of a riser with a fastener and a bearing. Labels indicate: J-RISER / DISCRETE RISER, NO OVERHANG ALLOWED, FASTENER TYPE - SEE TABLE, and BEARING TYPE - SEE TABLE.

BEARING TYPE	FASTENER TYPE
COLD-FORMED STEEL	ITW #12-14x1" HWH T/3 SCREWS @ 12" [305mm] O.C.
STRUCTURAL STEEL - UP TO 1/2" [13mm] THICK	ITW #12-24x2" HWH T/5 SCREWS @ 12" [305mm] O.C.
WOOD	ITW #12x1" HWH METAL TO WOOD SCREWS @ 12" [305mm] O.C.
CONCRETE/ CMU	1/4"Ø X 1-3/4" TAPCONS @ 12" [305mm] O.C.

MIN. 2" [51mm] DECK BEARING

PERPENDICULAR TOTAL DECK (TD)

PARALLEL TOTAL DECK (TD)

FASTENER TYPE - SEE TABLE

BEARING TYPE - SEE TABLE

MIN. 2" [51mm] DECK BEARING

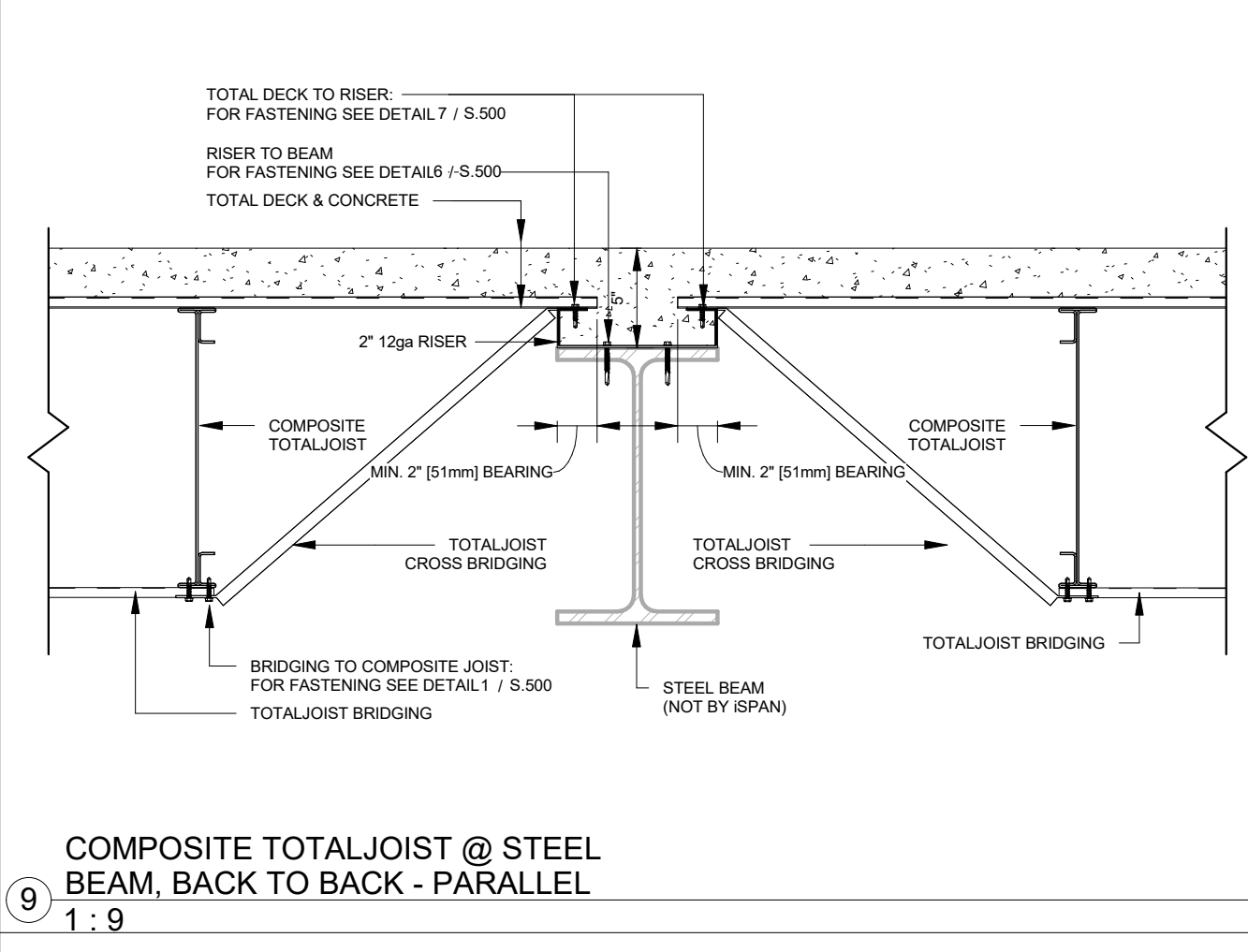
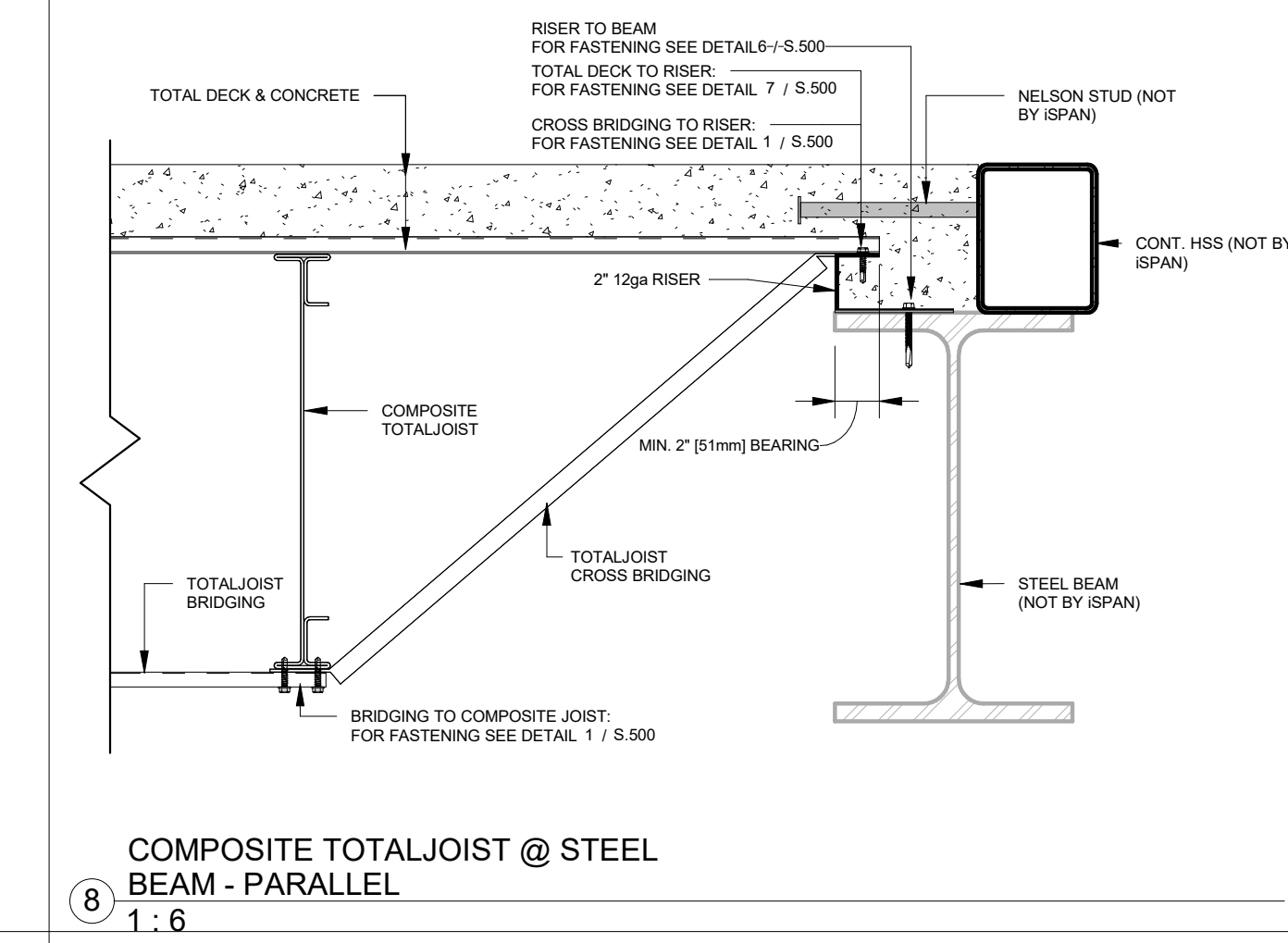
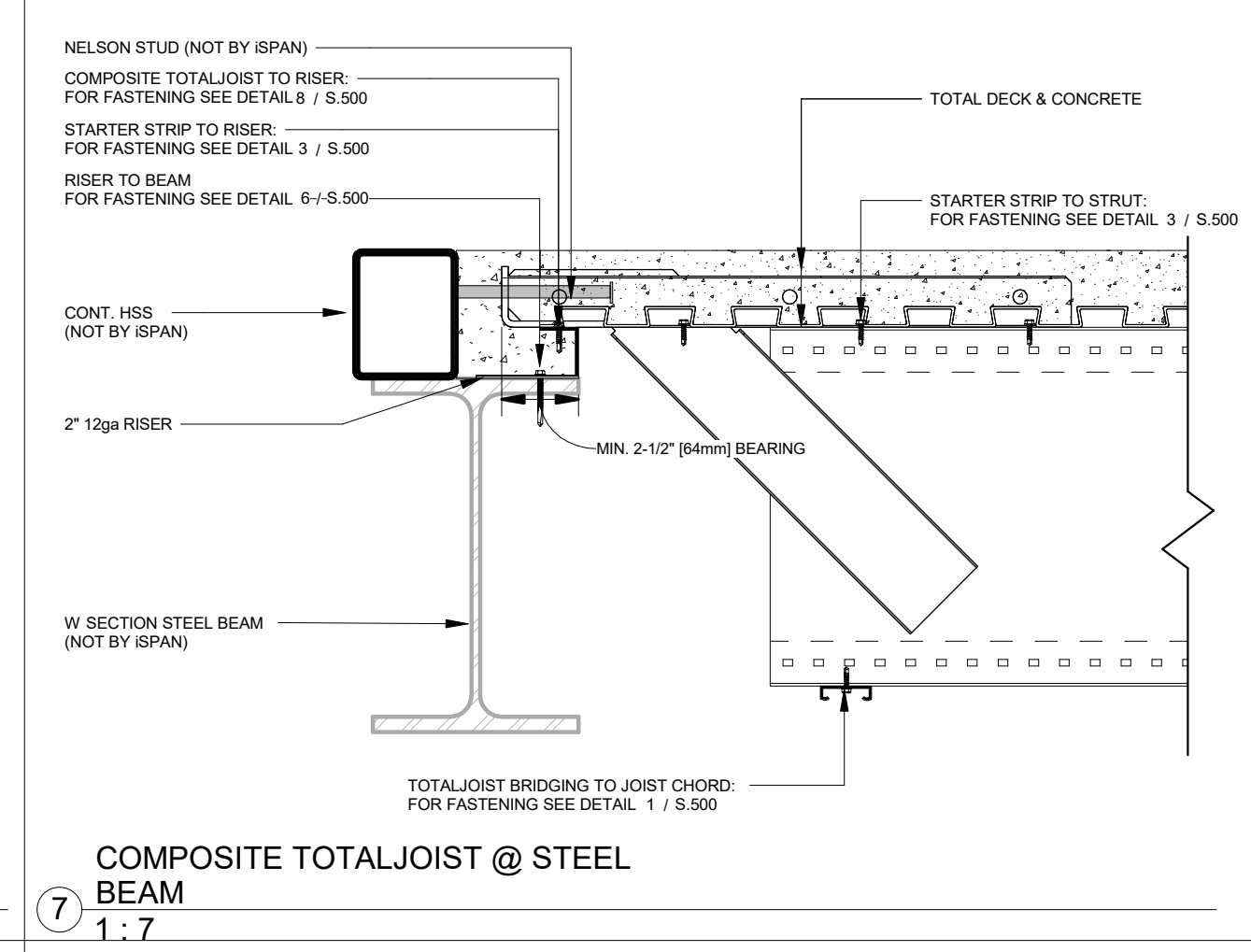
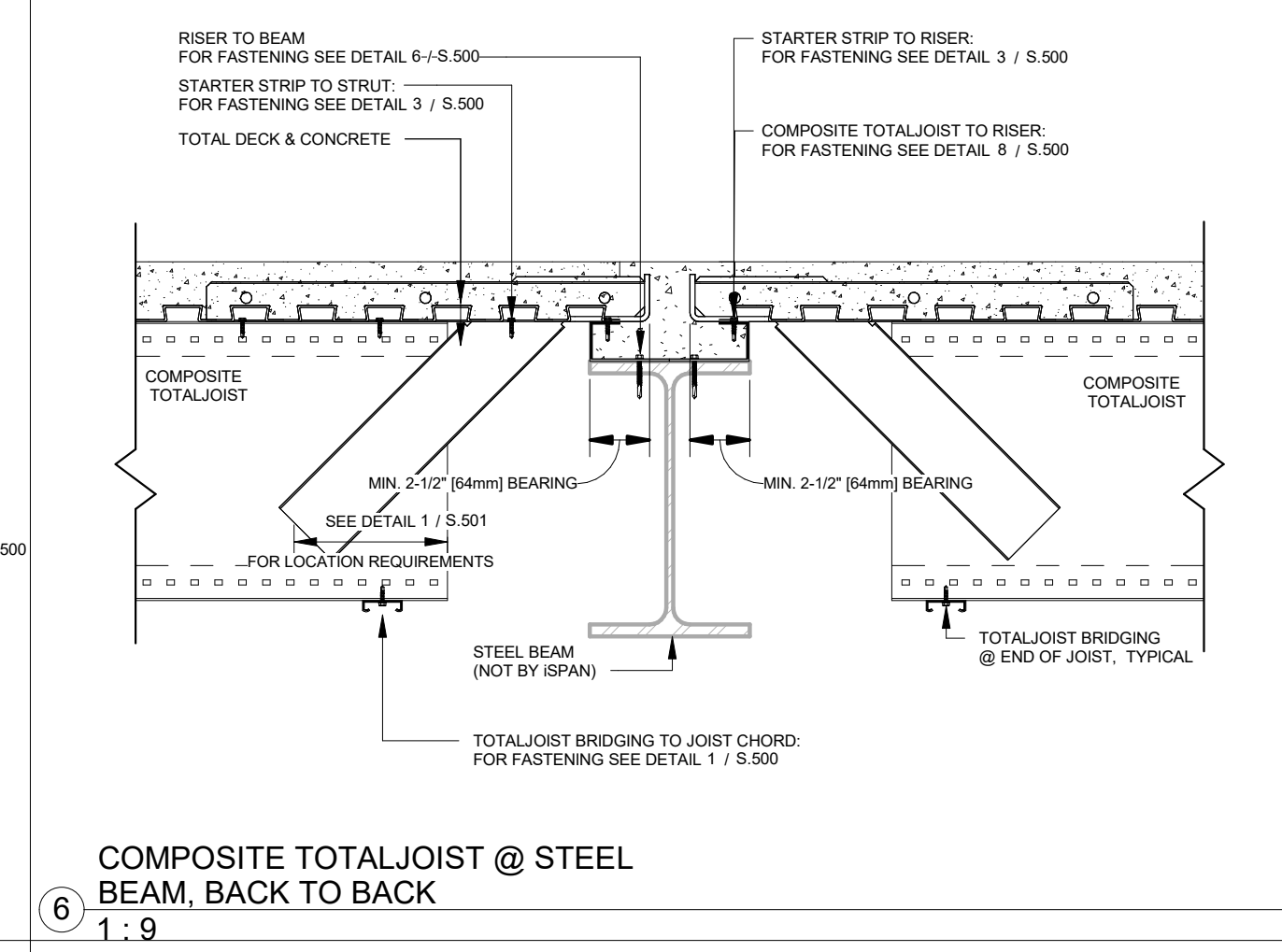
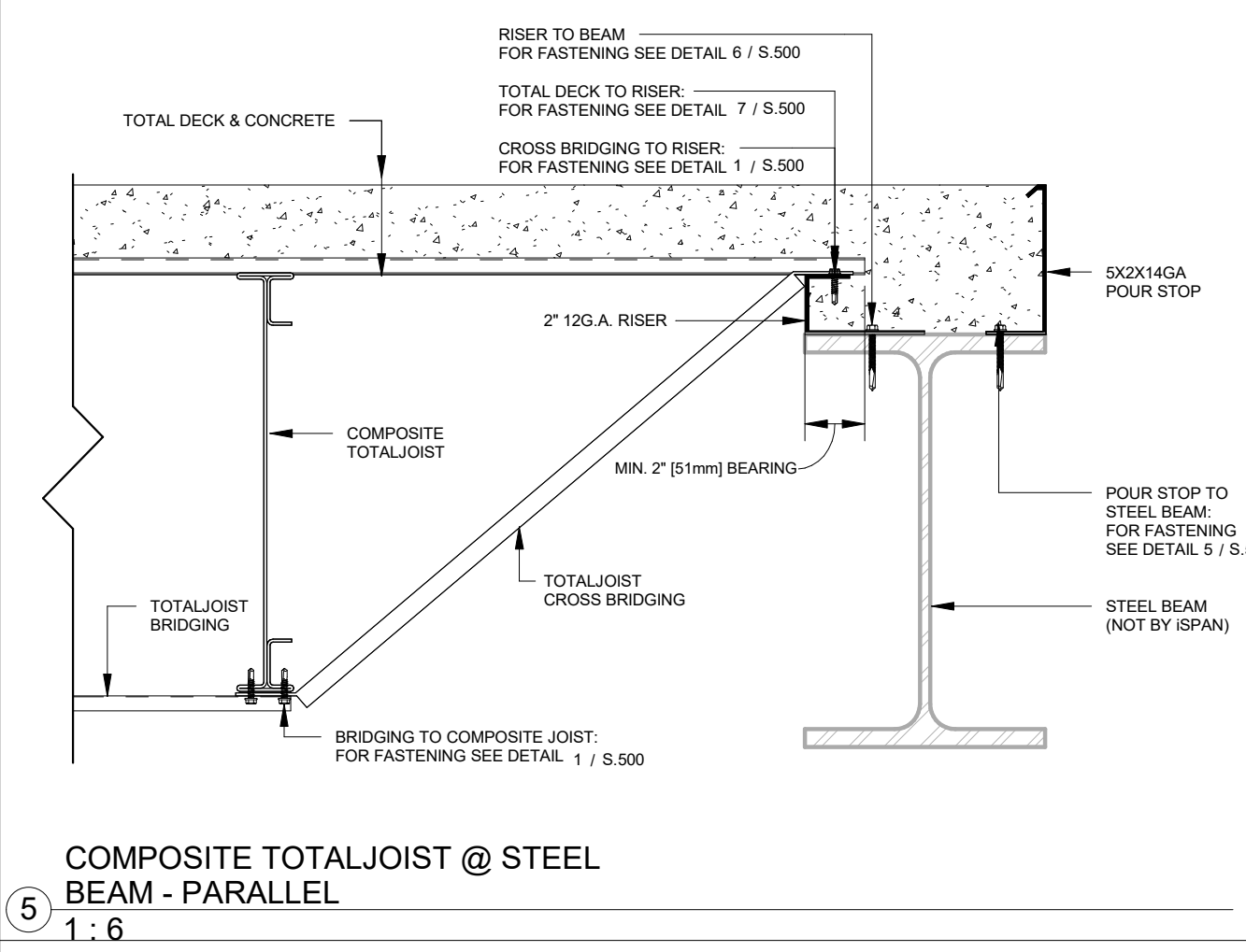
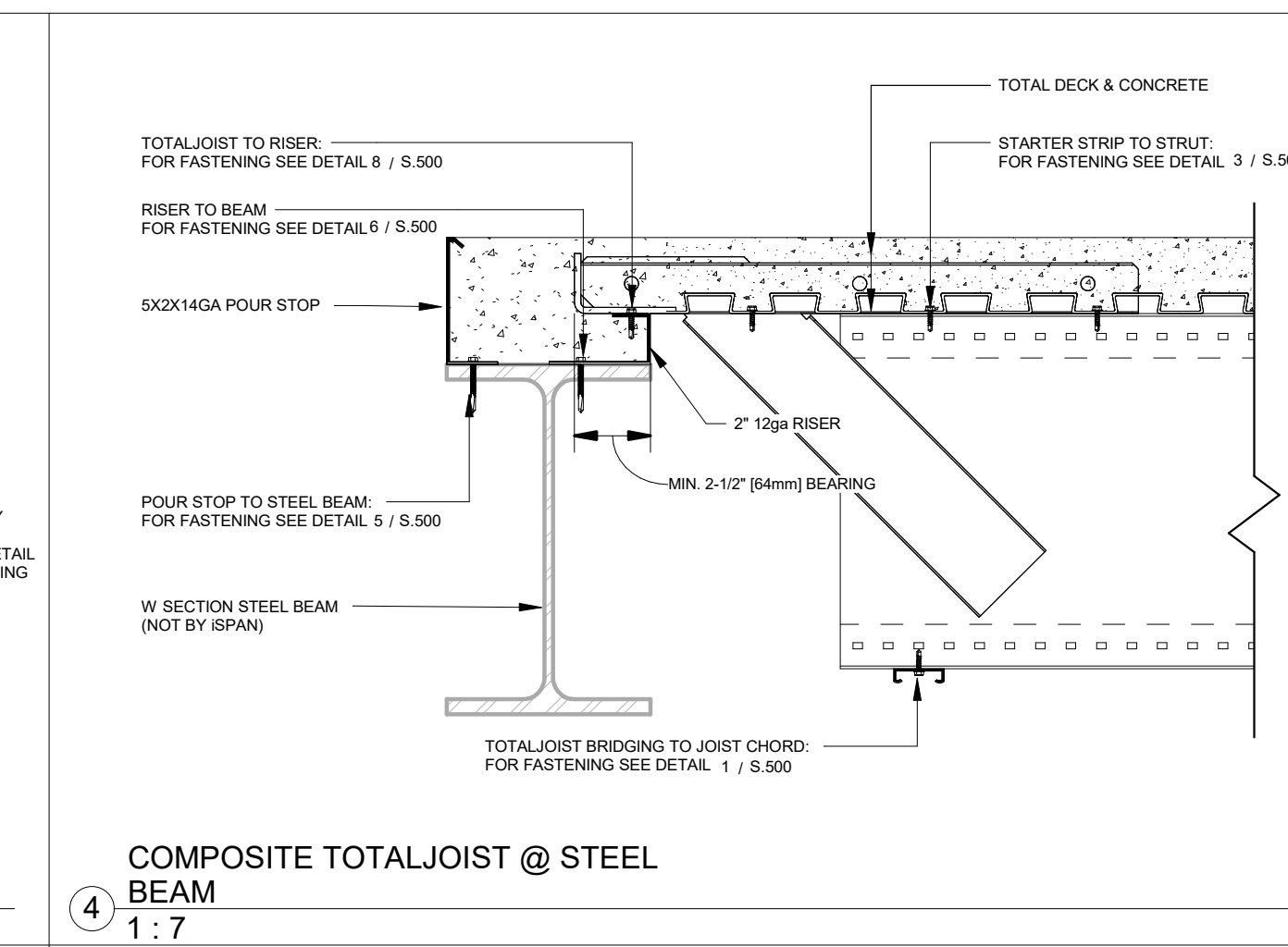
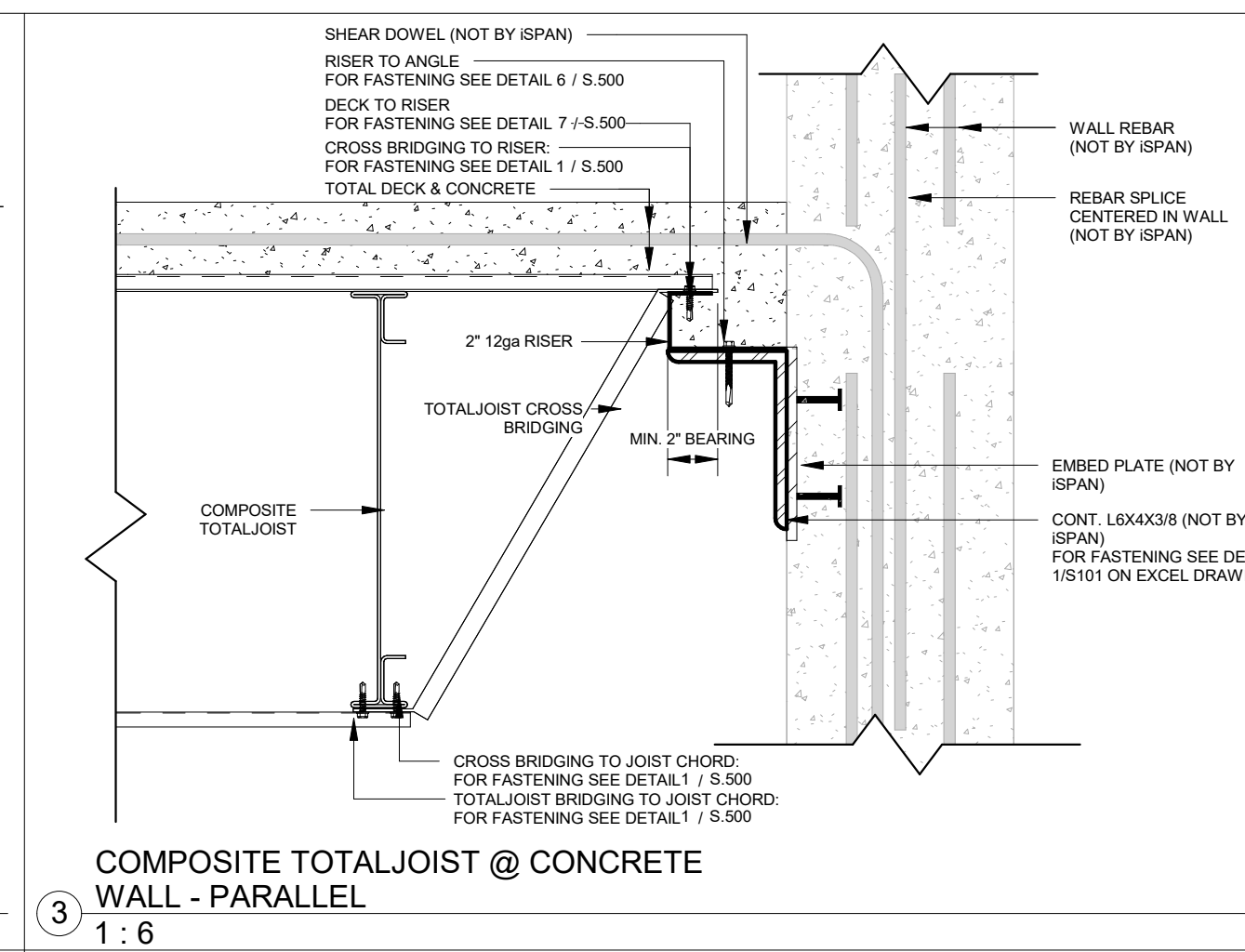
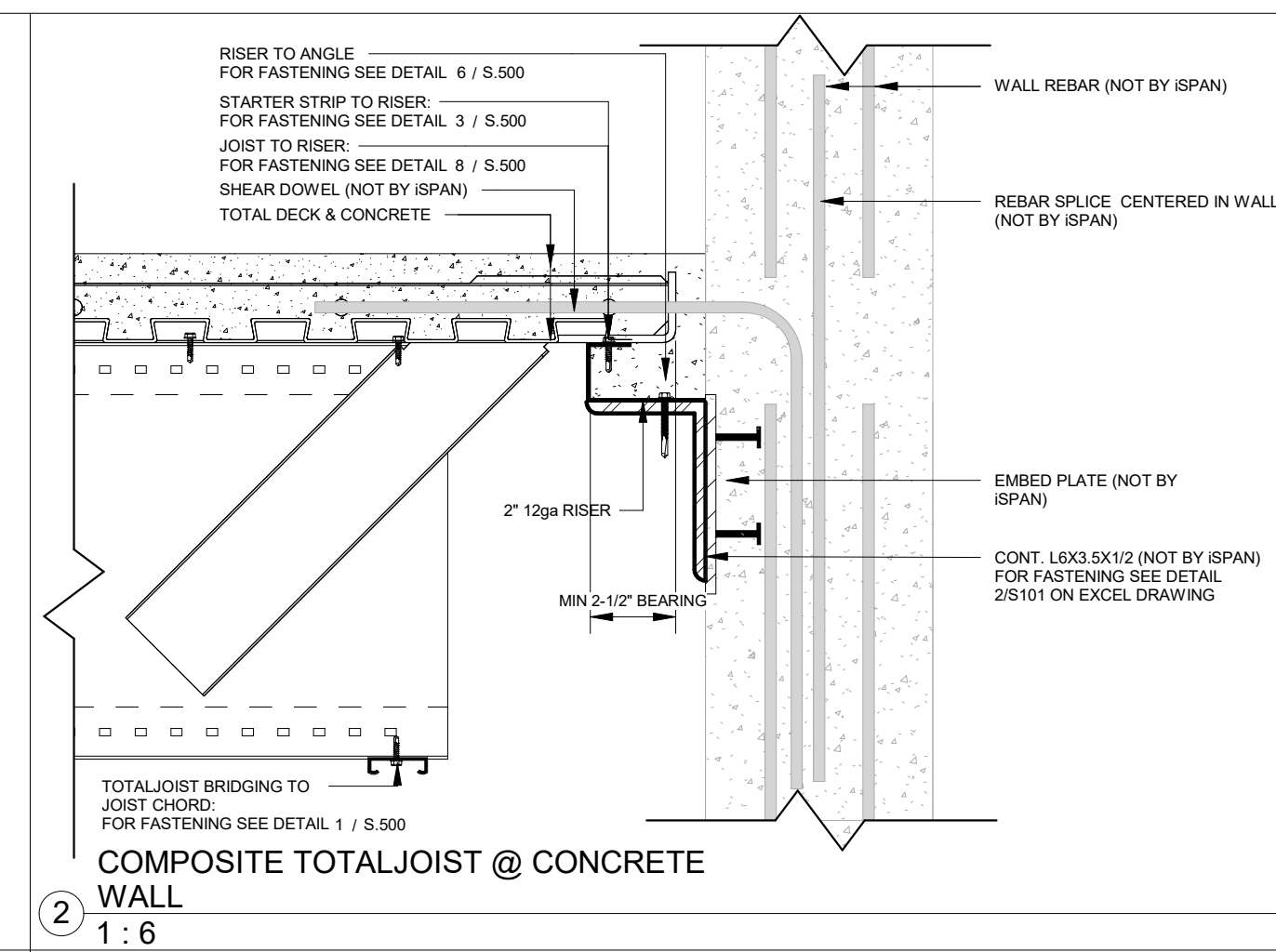
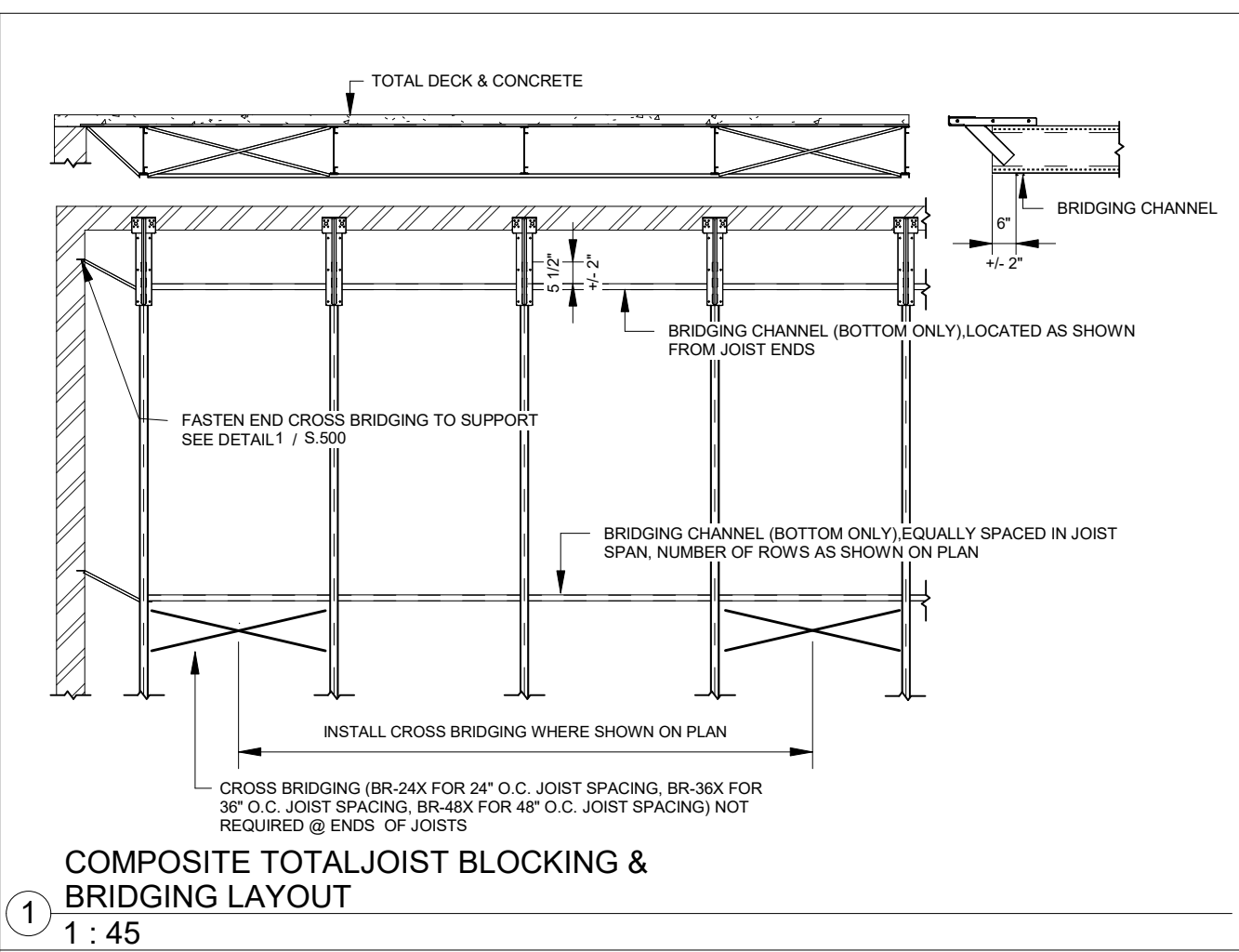
BEARING TYPE	PERPENDICULAR		PARALLEL	
	FASTENER TYPE	APPROVED PINS	FASTENER TYPE	APPROVED PINS
COLD-FORMED STEEL	ITW #10-16x3/4" HWH T/3 SCREWS @ 7" (178mm) O.C.	N/A	ITW #10-16x3/4" HWH T/3 SCREWS @ 12" (305mm) O.C.	N/A
STRUCTURAL STEEL - UP TO 1/2" (13mm) THICK	ITW #1/2-24x2" HWH T/5 SCREWS @ 7" (178mm) O.C.	HLTI X-GEN - 1/2" PINS @ 7" (178mm) O.C.	ITW #1/2-24x2" HWH T/5 SCREWS @ 12" (305mm) O.C.	HLTI X-GEN - 1/2" PINS @ 12" (305mm) O.C.
WOOD	ITW #1/2"x1" HWH METAL TO WOOD SCREWS @ 7" (178mm) O.C.	N/A	ITW #1/2"x1" HWH METAL TO WOOD SCREWS @ 12" (305mm) O.C.	N/A
CONCRETE/ CMU	1/4"x3 X 1-1/4" TAPCONS @ 7" (178mm) O.C.	HLTI X-GN OR X-C - 3/4" PINS @ 7" (178mm) O.C.	1/4"x3 X 1-1/4" TAPCONS @ 12" (305mm) O.C.	HLTI X-GN OR X-C - 3/4" PINS @ 12" (305mm) O.C.

BEARING TYPE	(QTY) FASTENER TYPE
COLD-FORMED STEEL	(2) ITW #12-14x2" HWH T/3 SCREWS
STRUCTURAL STEEL - UP TO 1/2" (13mm) THICK**	(2) ITW #12-24x2" HWH T/5 SCREWS
WOOD	(2) ITW #12x1-1/2" HWH METAL TO WOOD SCREWS
CONCRETE/ CMU	(2) 1/4"Ø X 1-3/4" TAPCONS

NOTES:
(1) WELDING MAY BE USED IN LIEU OF SCREWING
(2) FOR FLANGE THICKNESS GREATER THAN 1/2" [13mm], WELDING MUST BE USED IN LIEU OF SCREWS
(3) PINS ARE NOT APPROVED FOR JOIST FASTENING

8 COMPOSITE TOTAL JOIST FASTENING

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CLIENT NAME

THE BECK GROUP- DENVER

PROJECT NAME

SOUTH VALLEY MEZZANINE

1511 E CALEY AVE, CENTENNIAL, COLORADO, CO

SHEET NAME	80111
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FLOOR DETAILS

DRAWN BY: NL	CHECKED: M.S	CURRENT ISSUE: ISSUED FOR ISSUED FOR APPROVAL
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PROJECT NO.:	DRAWING NO.
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20221727

DATE: _____

2022-04-05

SCALE: 0.501

As indicated	
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