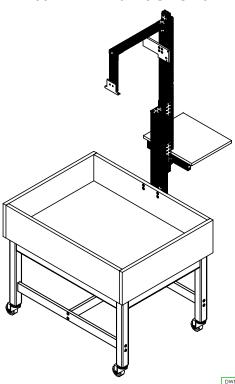
ASSEMBLY TEMPLAT

AUGMENTED REALITY SANDBOX

ARS-4030

ASSEMBLY INSTRUCTIONS



NOTE:

1. MODEL VIEWS MAY NOT REPRESENT EXACT MODEL PURCHASED

| DWN BY: | EMK | DWN DATE: | 12/22/16 |
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| APR BY: | | DATE APR: | |
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UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES

CABINET SQUARENESS ± .0625 FRACTIONAL VALUES ± 1/32" - ALL VALUES ± OVERALL - DIVERSIFIED)

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AUGMENTED REALITY SANDBOX
ASSEMBLY INSTRUCTIONS

DRAWING NUMBER:

SCALE: SHEET: REVISION:

NTS 1 OF 8 REV A

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| PALLET CONTENTS | | | | | |
|--------------------------------------|--------|--|---------|--|--|
| ITEMS INCLUDED | PART # | PART DESCRIPTION | QTY | | |
| SANDBOX ASSEMBLY | N/A | SANDBOX ASSEMBLY (FACTORY ASSEMBLED) | 1 | | |
| APRON ASSEMBLY | N/A | APRON ASSEMBLY (FACTORY ASSEMBLED) | 1 | | |
| ALUMINUM EXTRUSION ASSEMBLY 1 | N/A | ALUMINUM EXTRUSION ASSEMBLY 1 (FACTORY ASSEMBLED) | 1 | | |
| ALUMINUM EXTRUSION ASSEMBLY 2 | N/A | ALUMINUM EXTRUSION ASSEMBLY 2 (FACTORY ASSEMBLED) | 1 | | |
| STRETCHER | N/A | STRETCHER - 0.75"THK X 2.50"W X 26.88"L | 1 | | |
| BRACE | N/A | BRACE - 0.75"THK X 2.50"W X 35.38"L | 2 | | |
| LAPTOP SHELF W/ HARDWARE ATTACHED | N/A | LAPTOP SHELF - 0.75"THK X 14.00"W X 17.00"L | 1 | | |
| *LEGS* - SEE NOTE 1 | 500100 | LEG,OAK 2.25X2.25X28.25 | 4 | | |
| *WASHERS* - SEE NOTE 1 | 100039 | WASHER,SPLIT LOCK 5/16 | 4 | | |
| *HEX NUTS* - SEE NOTE 1 | 100044 | NUT,HEX 5/16-18 STEEL ZINC | 4 | | |
| *CASTERS* - SEE NOTE 1 | 247870 | CASTER,3IN,SWIVEL,3% DIA STEM | 4 | | |
| *CONFIRMATS - STRETCHER* | 228564 | SCREW,7MMX50MM,CONN,ALLENHEAD, BLACK | 4 | | |
| *CONFIRMATS - BRACE* | 227578 | SCREW,7MMX90MM,CONN,ALLENHEAD, BLACK | 8 | | |
| LAPTOP | 252560 | ORYX PRO (ORXP1) LAPTOP | 1 | | |
| CAMERA/SENSOR BAR | 252554 | XBOX 360 KINECT SENSOR BAR | 1 | | |
| PROJECTOR | 252555 | BENQ 9H.JE177.13A MX631ST PROJECTOR | 1 | | |
| HARDWARE BOX | N/A | MISC ITEMS - SEE NEXT PAGE FOR CONTENTS | 1 | | |
| T-SLOT COVER | 252812 | 10 SERIES T-SLOT COVER, BLACK | 1.34 LF | | |

NOTE:

1. LEGS, WASHERS, HEX NUTS & CASTERS ARE BOXED TOGETHER.

| DWN BY: | EMK | DWN DATE: | 12/22/16 | |
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AUGMENTED REALITY SANDBOX PALLET CONTENTS

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| , . | 11.30:48 AM DWARS-4030 | NTS | 2 OF 8 | REV A |

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| HARDWARE BOX PACKING LIST | | | | | | |
|---|------------|---|-----|--------|--|--|
| ITEMS INCLUDED | PART # | PART DESCRIPTION | QTY | PACKED | | |
| PROJECTOR MOUNTING BLOCK (SCREWS AND T-NUTS ATTACHED) | 252793 | PROJECTOR MOUNTING BLOCK - 0.50"THK X 3.875"W X 9.00"L | 1 | | | |
| MOUNTING BLOCK | N/A | MOUNTING BLOCK - 1.75"THK X 2.25"W X 7.00"L | 1 | | | |
| SCREWS - APRON ASSEMBLY TO SANDBOX ASSEMBLY | 100641 | SCREW,#8X1-3/4 QUAD RD WASH HD | 14 | | | |
| CONFIRMATS - MOUNTING CLEAT | 252459 | SCREW,1/4-20X60MM,CONN, ALLENHEAD,BLACK | 4 | | | |
| CONFIRMATS - SANDBOX | 252460 | SCREW,1/4-20X20MM,CON,ALLENHEAD,BLK | 4 | | | |
| JOINT CONNECTING NUT - MOUNTING CLEAT & SANDBOX | 234337-JCN | JOINT CONNECTING NUT, 1/4-20X17MM | 8 | | | |
| CABLE ADAPTER | 252557 | HDE POWER SUPPLY AC CABLE ADAPTER FOR XBOX KINECT MOTION SENSOR | 1 | | | |
| CAMERA MOUNT (SCREWS AND T-NUTS ATTACHED) | 252556 | KINECT SENSOR TV MOUNT CLIP | 1 | | | |
| HDMI CABLE | 252579 | CABLE,HDMI, 6 FEET | 1 | | | |
| l bracket - 8 hole | 252561 | 10 SERIES 8 HOLE - INSIDE CORNER BRACKET | 4 | | | |
| T-NUT - DOUBLE | 252569 | 1/4-20 DOUBLE SLIDE-IN ECONOMY T-NUT | 16 | | | |
| SCREWS - (FOR L-BRACKETS & T-NUTS) | 252566 | 1/4-20 X 0.500" BUTTON HEAD SOCKET CAP SCREW (BHSCS) | 32 | | | |

| TOOLS | REQUIRED |
|-------|----------|
|-------|----------|

½" WRENCH

1/2" SOCKET AND TORQUE WRENCH - OPTIONAL 4MM ALLEN WRENCH (FOR CONFIRMATS)

5MM ALLEN WRENCH (FOR JCN)

5/32" ALLEN WRENCH (FOR 1/4"-20x1/2" SCREWS)

1/8" ALLEN WRENCH (FOR #10-32x3/8" SCREWS)

PHILLIPS SCREWDRIVER

NOTE:

1.

| DWN BY: | EMK | DATE: | 12/22/16 | |
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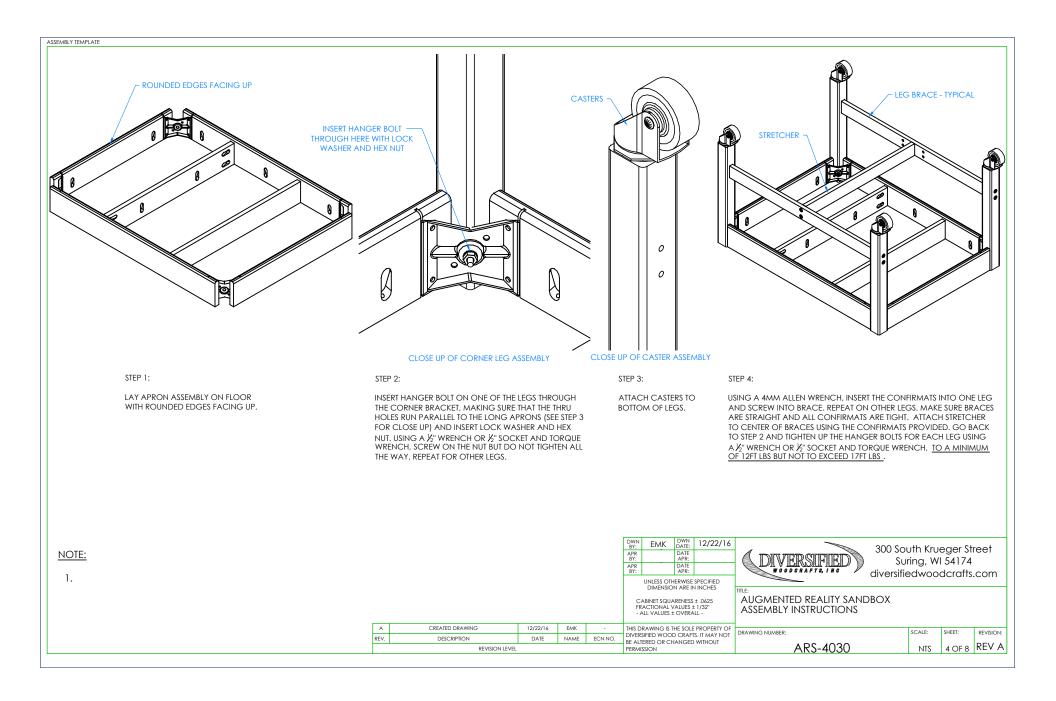


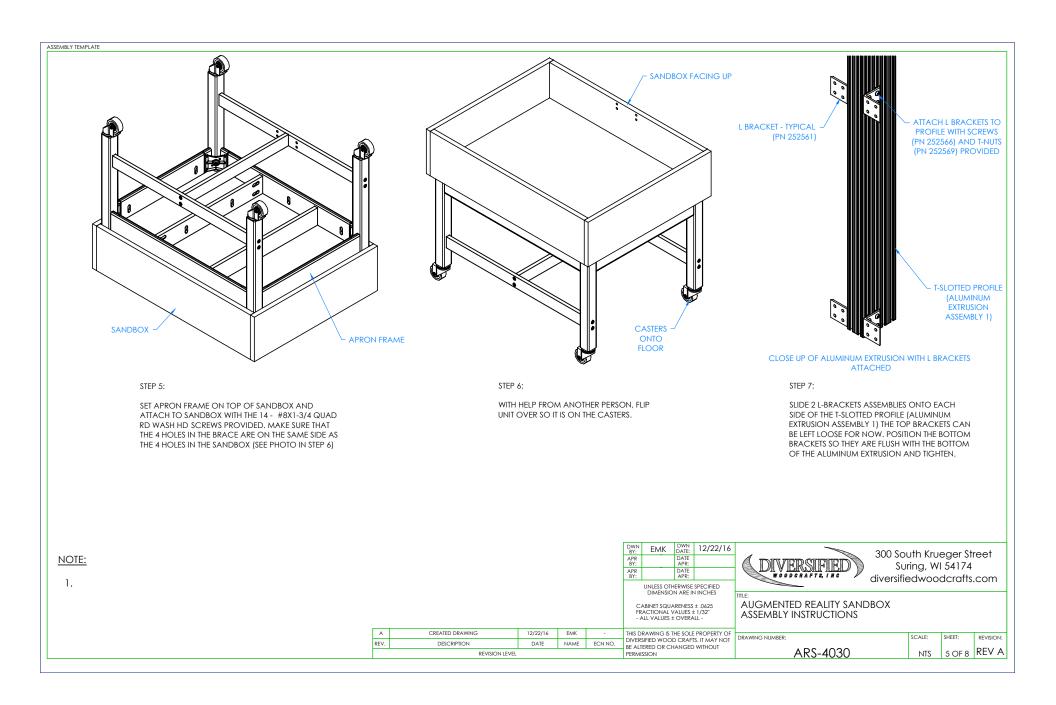
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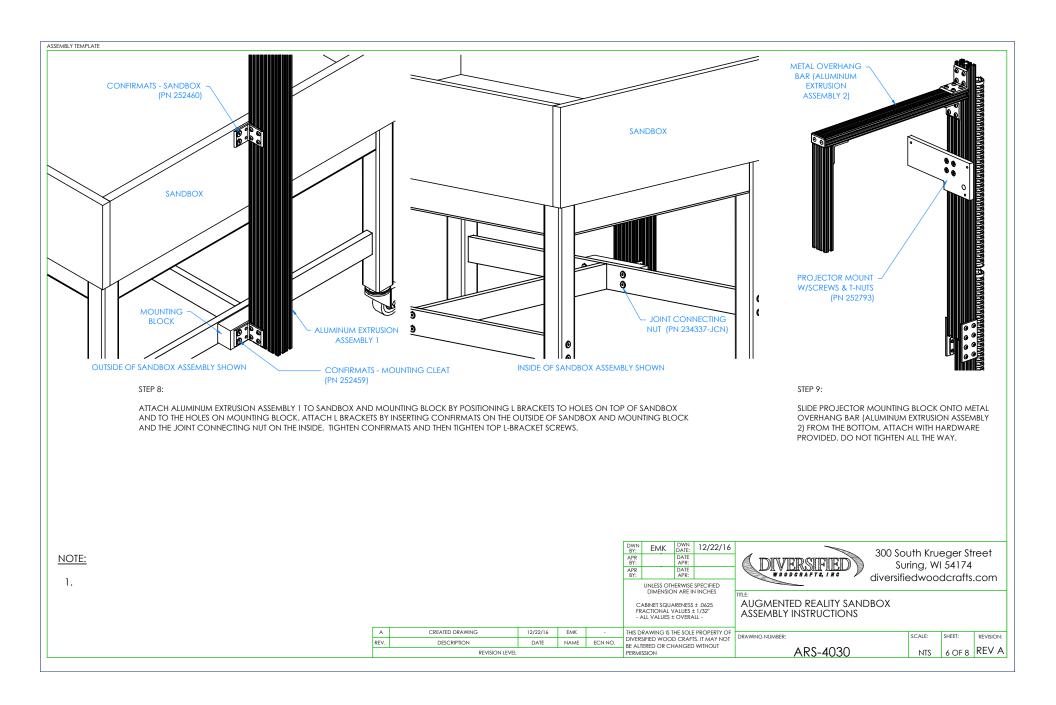
AUGMENTED REALITY SANDBOX HARDWARE BOX PACKING LIST & TOOLS REQUIRED

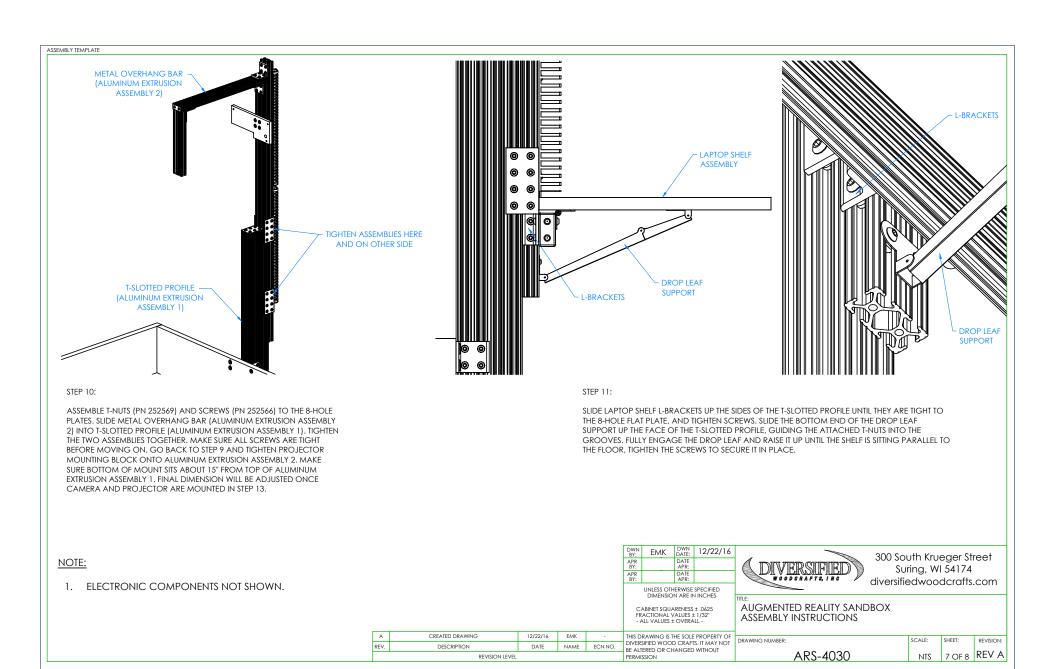
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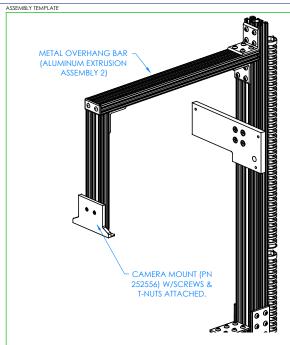
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STEP 12:

SLIDE THE CAMERA MOUNT UP ONTO THE ALUMINUM EXTRUSION ASSEMBLY, GUIDING THE T-NUTS INTO THE SLOTS. SLIDE IT UP UNTIL THE BOTTOM LIP OF THE MOUNT IS AGAINST THE ALUMINUM. TIGHTEN THE SCREWS.

RUN CAMERA WIRE THRU T-SLOT AND CAP WITH T-SLOT COVER. PROJECTOR MOUNT **CAMERA MOUNT**

STEP 13:

LINE THE PROJECTOR UP WITH THE 3 MOUNTING HOLES IN THE BRACKET AND ATTACH USING THE 3 SCREWS (PN 252719) PROVIDED. SNUG THE SCREWS AND MAKE SURE THE PROJECTOR IS AS PARALLEL TO THE SANDBOX AS POSSIBLE AND TIGHTEN. SNAP THE KINECT 3D CAMERA ONTO THE CAMERA MOUNT. DOUBLE CHECK TO M AKE SURE THE LENS OF THE PROJECTOR IS IN LINE WITH THE KINECT CAMERA, IF NOT ADJUST THE PROJECTOR MOUNTING BLOCK UP OR DOWN AS NEEDED AND RE-MOUNT THE PROJECTOR. KINECT CABLE CAN BE RUN INSIDE THE T-SLOT ON THE SIDE OF THE ALUMINUM OR ON TOP. CAP THIS OFF WITH THE T-SLOT COVER (PN 252812) TO HOLD WIRE IN PLACE. TAP COVER INTO SLOT WITH A RUBBER MALLET.

EMK DATE: 12/22/16

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CARINET SQUARENESS ± 0425 ALL VALUES ± OVERALL

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STEP 14:

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COMPLETE UNIT SHOWN

AUGMENTED REALITY SANDBOX ASSEMBLY INSTRUCTIONS

DRAWING NUMBER: REVISION: ARS-4030 8 OF 8 REV A NTS

YOUR AUGMENTED REALITY SANDBOX IS NOW ASSEMBLED. PROCEED TO THE SETUP AND CALIBRATION MANUAL FOR THE

ELECTRONICS AND SOFTWARE WALKTHROUGH.

NOTE:

1. ELECTRONIC COMPONENTS NOT SHOWN.