



MOBILE STORAGE SYSTEMS, INC.

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INSTALLATION INSTRUCTION PREPARED FOR:

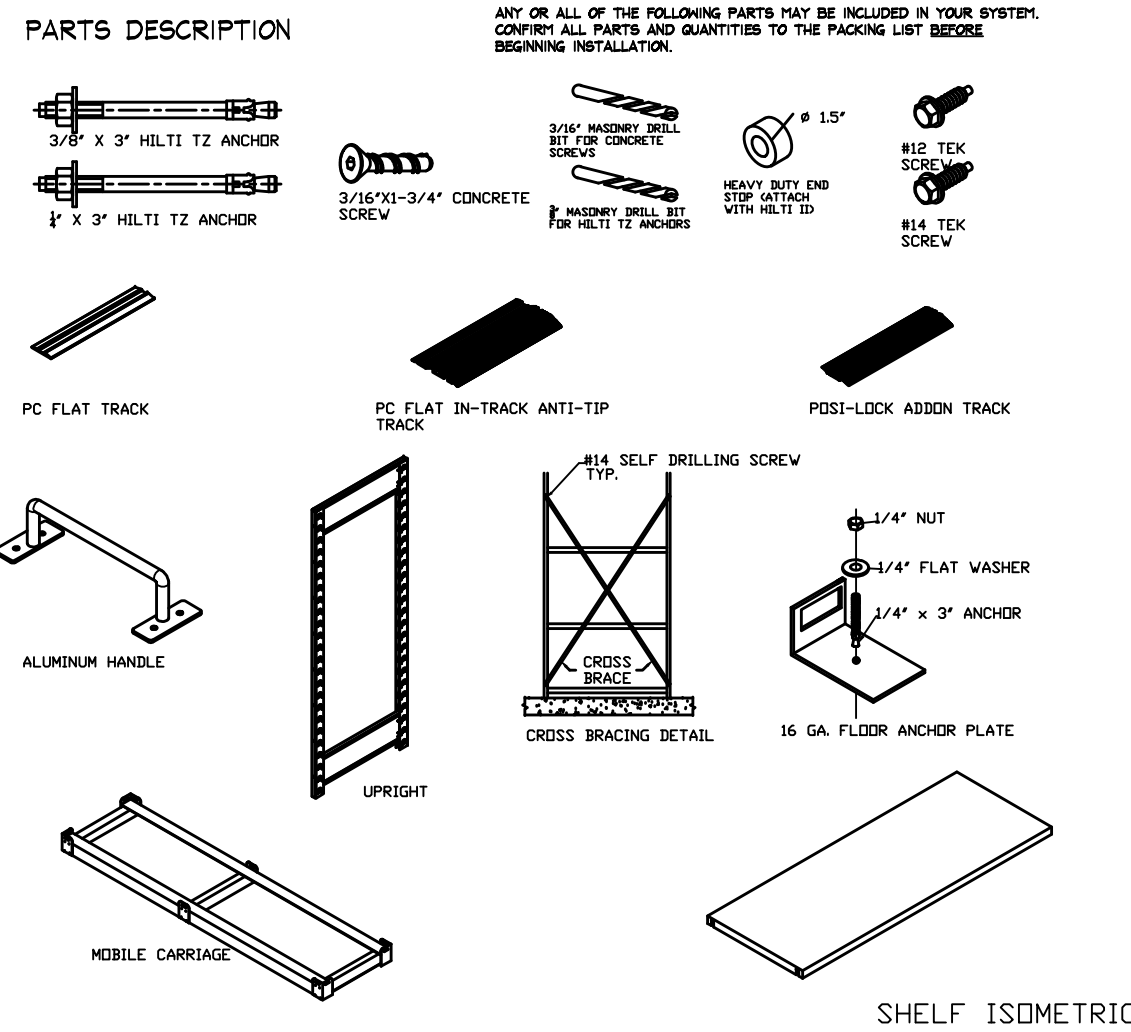
AMERICAN EAGLE OUTFITTERS

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For technical assistance
during business hours (8am - 5pm EST)
1-800-234-7477 ext 4076 Jim Raper
1-800-234-7477 ext 4064 Andrew Austin
1-800-234-7477 ext 4087 Greg Wesorick

All Pipp carriages are equipped with the
toll free number for urgent installation or
repair matters.

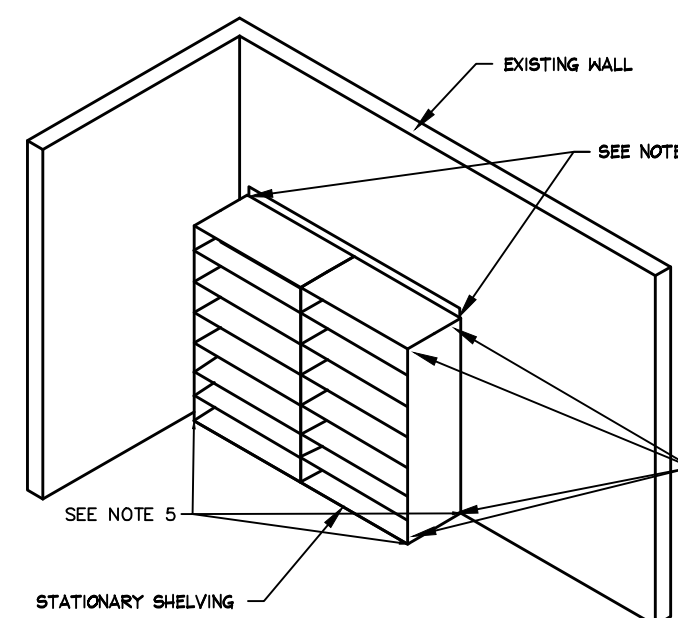
STEP #1 CONFIRM PARTS TO PACKING LIST



A PARTS LIST
A2.90 NO SCALE

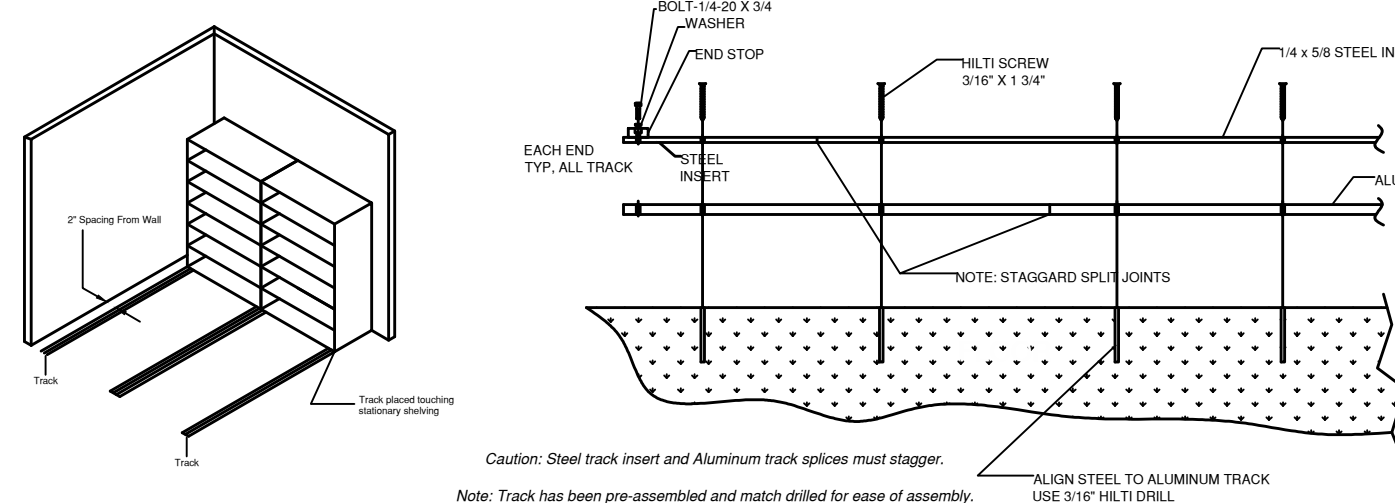
STEP #2 INSTALL STATIONARY SHELVING

1. INSTALL STATIONARY SHELVING AT ONE END (WHERE APPLICABLE).
2. START BOTTOM SHELF AT 3" OFF FINISHED FLOOR.
3. FASTEN TOP AND BOTTOM SHELVES PERMANENTLY TO STANDARDS.
4. FASTEN ALL STATIONARY SHELVING TO WALL WITH #10 TEK SCREWS AT EACH WALL STUD PER DETAIL J/A.2.901.
5. FASTEN UPRIGHTS WITH 16-GAUGE FLOOR ANCHOR CLIP USING BOTTOM TAB PER DETAIL I/A.2.901. USE 1/4" NUT AND 1/4" FLAT WASHER & 1/4" HILTI TZ ANCHOR BOLT W/ MIN. 2.5" EMBED AT EACH POST. BOLT MIN. 6" FROM CRACK OR CONTROL JOINT.



B FIXED SHELVING DETAIL
A2.90 NO SCALE

STEP #3 INSTALL TRACK (STAGGER JOINTS)

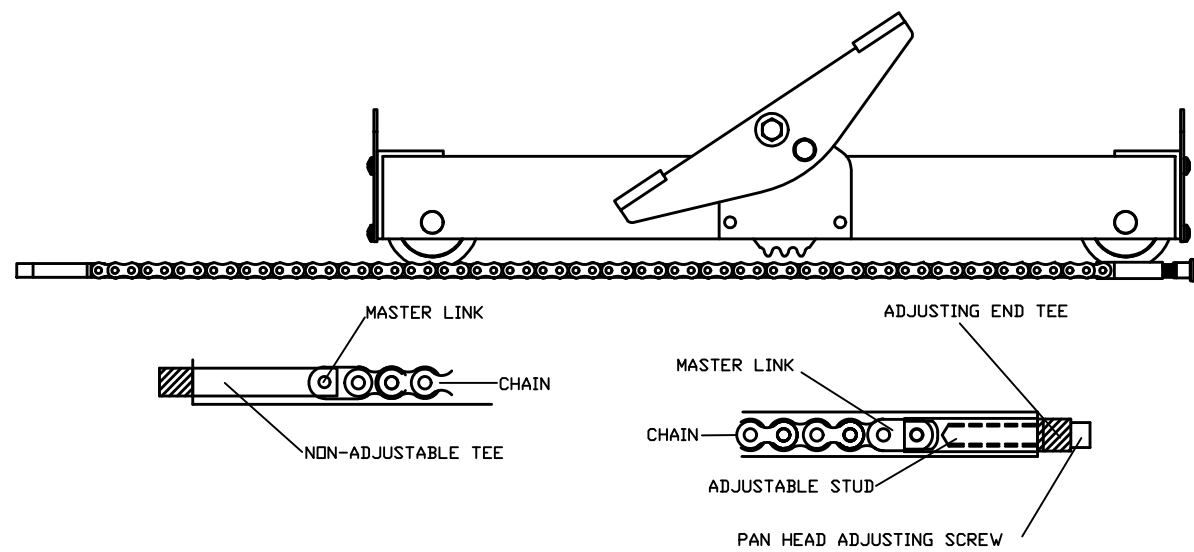


CONFIRM TRACK IS PARALLEL TO THE WALL. USE THE HILTI DRILL BIT (3/8" DIA.) FOR SECURING TRACK. THE TRACK HAS BEEN PRE-DRILLED. START BY SECURING ALL THE 96" PIECES OF ALUMINUM FOLLOWED BY ANY 73" PIECES ENDING WITH A MISCELLANEOUS PIECE. THEN PLACE THE STEEL IN THE ALUMINUM STARTING WITH 1 - 48" OF STEEL, FOLLOWED BY ALL 96" PIECES THEN THE 73" PIECES ENDING WITH 1 PIECE WITH A NON-COUNTERSUNK HOLE AT THE END. BE SURE THE HOLES IN THE STEEL INSERT AND THE HOLES IN THE ALUMINUM TRACK LINE UP. USING THE TRACK AS A GUIDE, DRILL THROUGH THE STEEL AND ALUMINUM INTO THE FLOOR. CAREFULLY CLEAN OUT THE HOLE. HAMMER IN THE HILTI 3/8" X 3" SLEEVE ANCHORS AND TIGHTEN TO THE SPECIFIED TORQUE (2.2 FT-LBS MAX).

ALIGN REMAINING TRACK PARALLEL TO FIRST TRACK USING WHEEL CENTERS. ENSURE WHEEL IS CENTERED IN THE CHANNEL. ANCHOR ON END OF THE TRACK. TEST PARALLELISM BY ROLLING SEVERAL CARRIAGES ALONG THE TRACK RUN USING FULL BODY WEIGHT. TO CONFIRM PARALLELISM MAKE SEVERAL TRACK TO TRACK MEASUREMENTS ALONG EACH RUN. -CARRIAGES SHOULD ROLL FREELY WITH MINIMUM LATERAL WHEEL MOVEMENT. -THE TRACK ENDS SHOULD BE SQUARE AND ALIGNED. CONFIRM TRACK JOINTS ARE FULLY SEATED. ANCHOR END STOPS THROUGH TRACK WITH END STOP FASTENERS AS ABOVE. ANCHOR MID-TRACK FASTENERS.

C TRACK DETAIL
A2.90 NO SCALE

STEP #4 POSITIVE LOCKING BRAKE MECHANISM



TRACK: POSITION POSI-LOCK TRACK ON THE AISLE SIDE OF THE MOBILE SYSTEM. POSITION CHAIN SLOT TO THE AISLE.

NOTE: THE PART OF THE TRACK THE CHAIN RUNS IN IS A SEPARATE PIECE FROM THE TRACK THE CARRIAGES RUN ON.

THE CHAIN IS APPROXIMATELY 4 INCHES SHORTER THAN THE TRACK. IT HAS BEEN PRE-ASSEMBLED WITH ONE FIXED END AND ONE ADJUSTABLE END. DETERMINE WHAT SIDE OF THE SYSTEM SIDE THERE IS ACCESS WITH AN ALLEN WRENCH FOR ADJUSTMENT. YOU WILL FEED THE CHAIN THROUGH THE OPPOSITE END. AFTER THE TRACK HAS BEEN STAGED FOR INSTALLATION (BEFORE USING THE ANCHORS) FEED THE CHAIN THROUGH THE TEE SLOT.

WITH THE CHAIN THROUGH THE TRACK, SECURE THE TRACK WITH ANCHORS PROVIDED (3/8" NAIL-IN ANCHORS). BE SURE TO VERIFY THE BRAKE SEATS PROPERLY INTO THE TRACK PRIOR TO ANCHORING TO THE FLOOR.

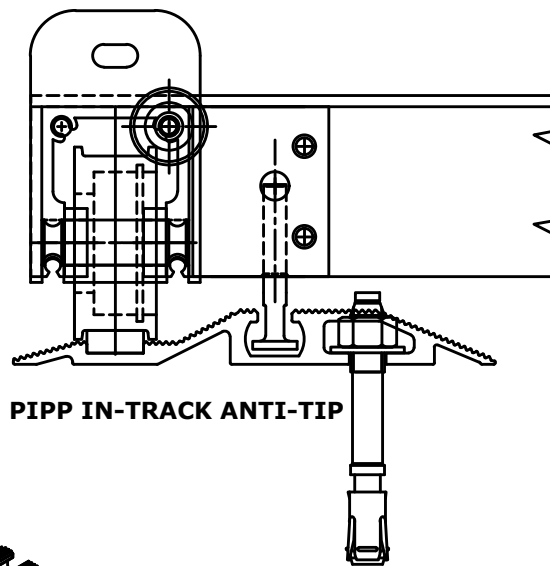
SEAT THE NON-ADJUSTING TEE IN THE CHAIN SLOT. PULL THE CHAIN TOWARDS THE ADJUSTING END. INSTALL ADJUSTING TEE NUT AND 1/4-20 ALLEN SCREW. TURN SCREW UNTIL TENSION IS EXHIBITED ON THE CHAIN. NOTE: DO NOT OVER TIGHTEN THE CHAIN IN TRACK. CHAIN MUST BE ABLE TO MOVE EASILY SIDE TO SIDE WITHIN THE CHAIN POCKET IN THE TRACK.

D BRAKE DETAIL

A2.90 NO SCALE

STEP #5 IN-TRACK ANTI-TIP

THE GUIDE IS DESIGNED TO BE INSERTED INTO THE TRACK AFTER THE TRACK IS IN THE APPROXIMATE LOCATION, BUT PRIOR TO COMPLETELY SECURING IT TO THE FLOOR. THE SYSTEM IS SHIPPED COMPLETELY ASSEMBLED, HOWEVER, IF THE MOUNT ASSEMBLY CANNOT BE INSERTED INTO THE TRACK, IT IS POSSIBLE TO REMOVE AND RE-INSTALL THE MOUNT ASSEMBLY. THE MOUNT ASSEMBLY MUST BE PLACED IN THE ORIGINAL FACTORY LOCATION. THE SYSTEM WILL NOT WORK IF THE MOUNT ASSEMBLY IS NOT PLACED PROPERLY. SECURE THE SHELVING TO THE CARRIAGES WITH INSTALLER SUPPLIED HARDWARE.



PC Flat ITAT Track Standard PC Flat Track

THE PIPP IN-TRACK ANTI-TIP SHOWN ABOVE WILL BE SHIPPED WITH THE STANDARD PC FLAT TRACK SHOWN TO THE RIGHT. ANCHOR THE STANDARD PC FLAT TRACK TO THE FLOOR WITH THE 3/16X1-3/4" CONCRETE SCREWS. IN-TRACK ANTI-TIP TRACK TO BE SECURED WITH 3/8X3" HILTI TZ ANCHORS (22.5" MAXIMUM SPACING). NOTE: MUST BE A MIN OF 6" FROM CRACK OR CONTROL JOINT

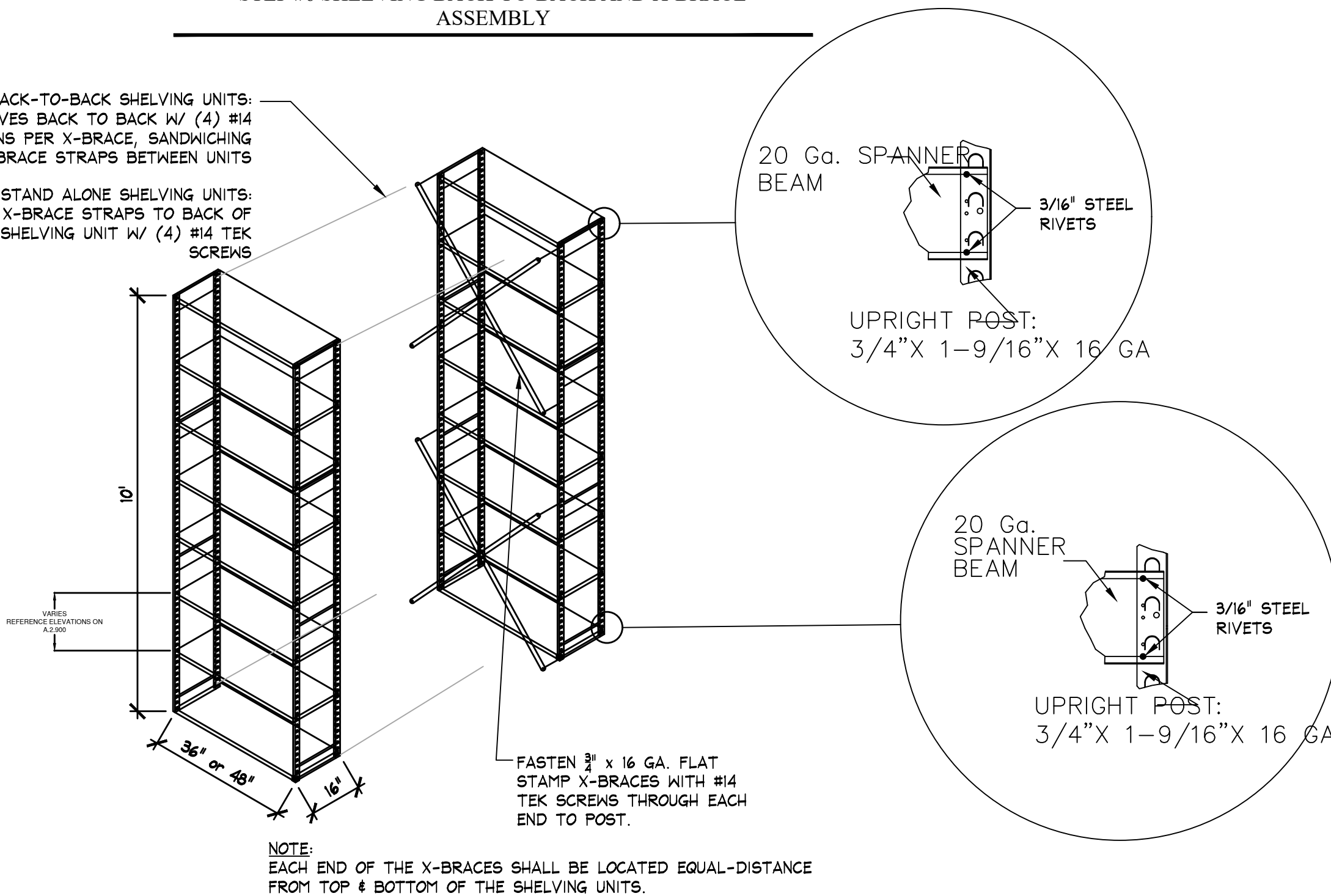
E ANTI-TIP DETAIL

A2.90 NO SCALE

STEP #6 SHELVING BACK-TO-BACK AND X-BRACE ASSEMBLY

FOR BACK-TO-BACK SHELVING UNITS: FASTEN SHELVES BACK TO BACK W/ (4) #14 TEK SCREWS PER X-BRACE, SANDWICHING X-BRACE STRAPS BETWEEN UNITS

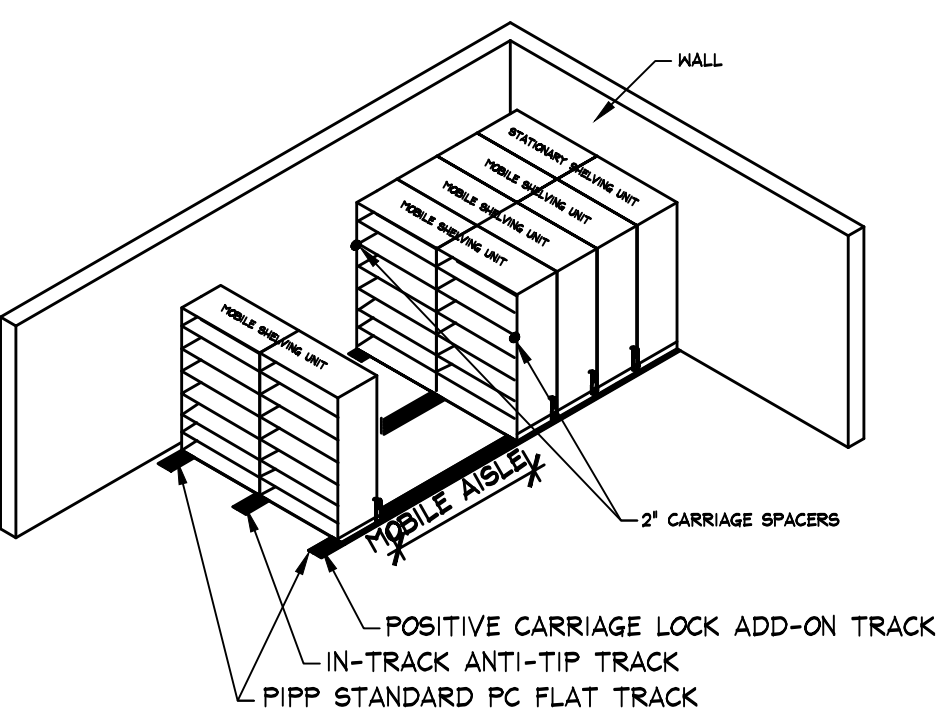
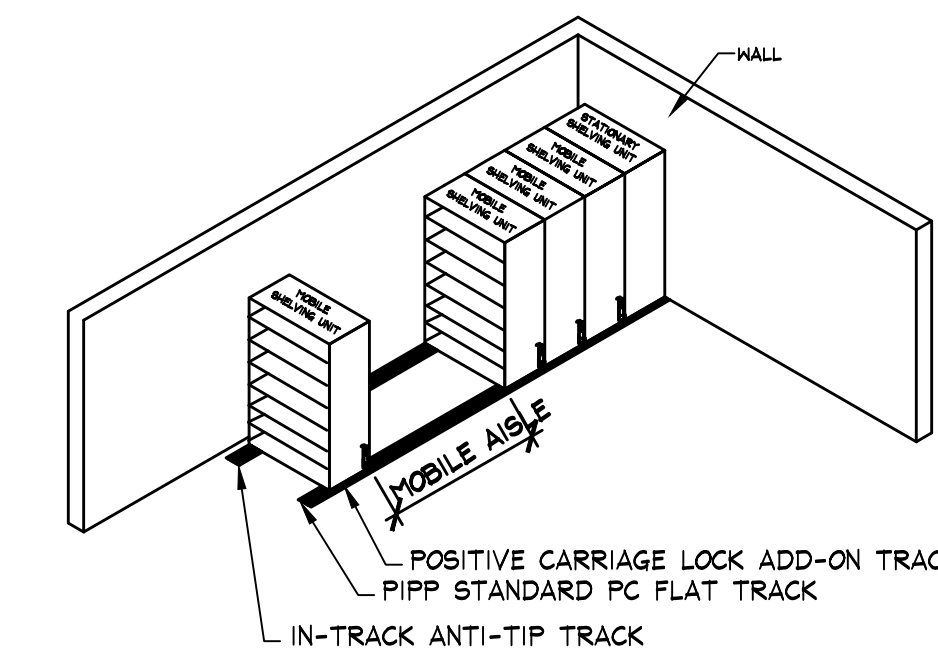
FOR STAND ALONE SHELVING UNITS: FASTEN X-BRACE STRAPS TO BACK OF SINGLE SHELVING UNIT W/ (4) #14 TEK SCREWS



NOTE: EACH END OF THE X-BRACES SHALL BE LOCATED EQUAL-DISTANCE FROM TOP & BOTTOM OF THE SHELVING UNITS.

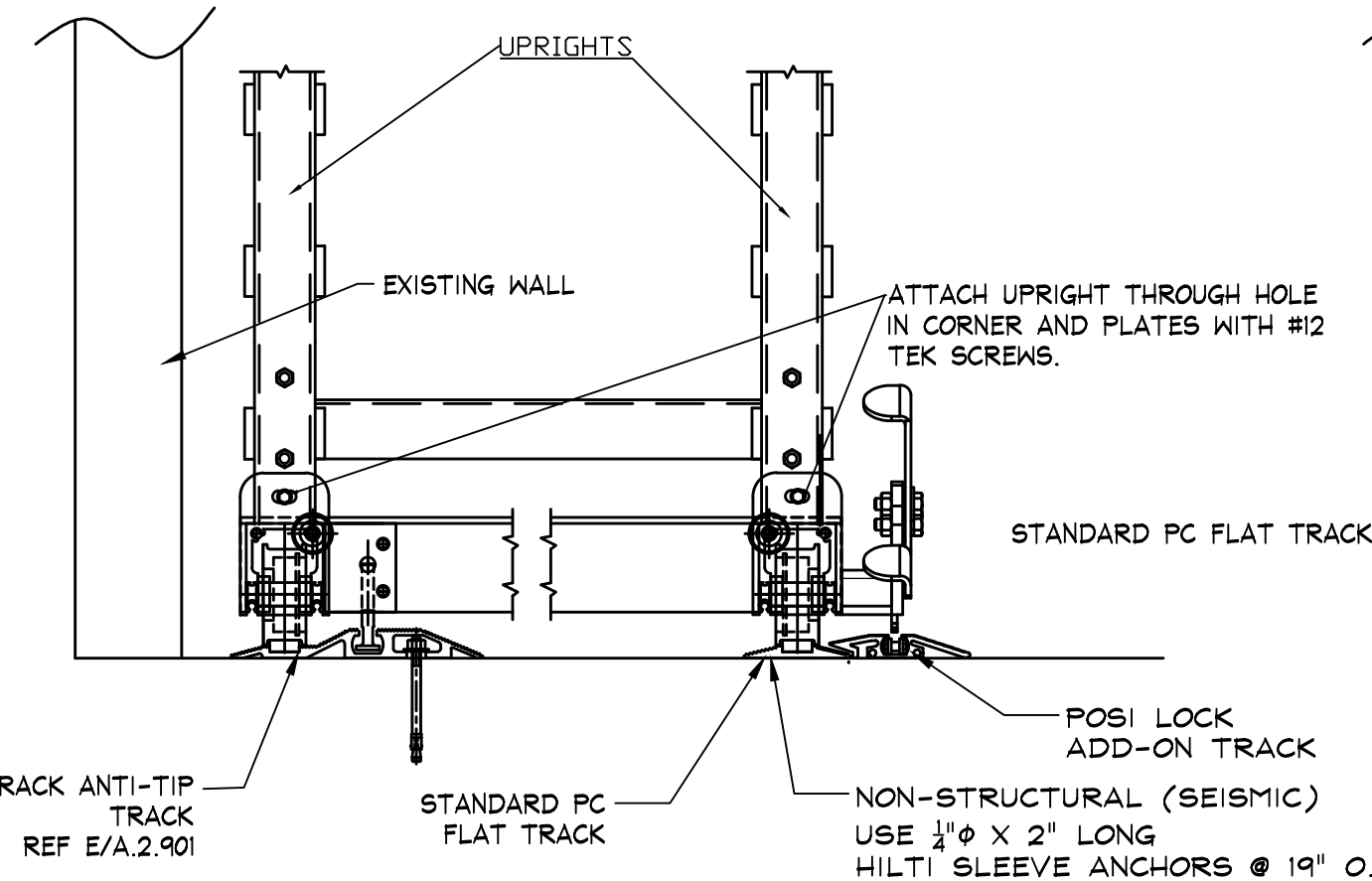
F SHELVING DETAIL

A2.90 NO SCALE



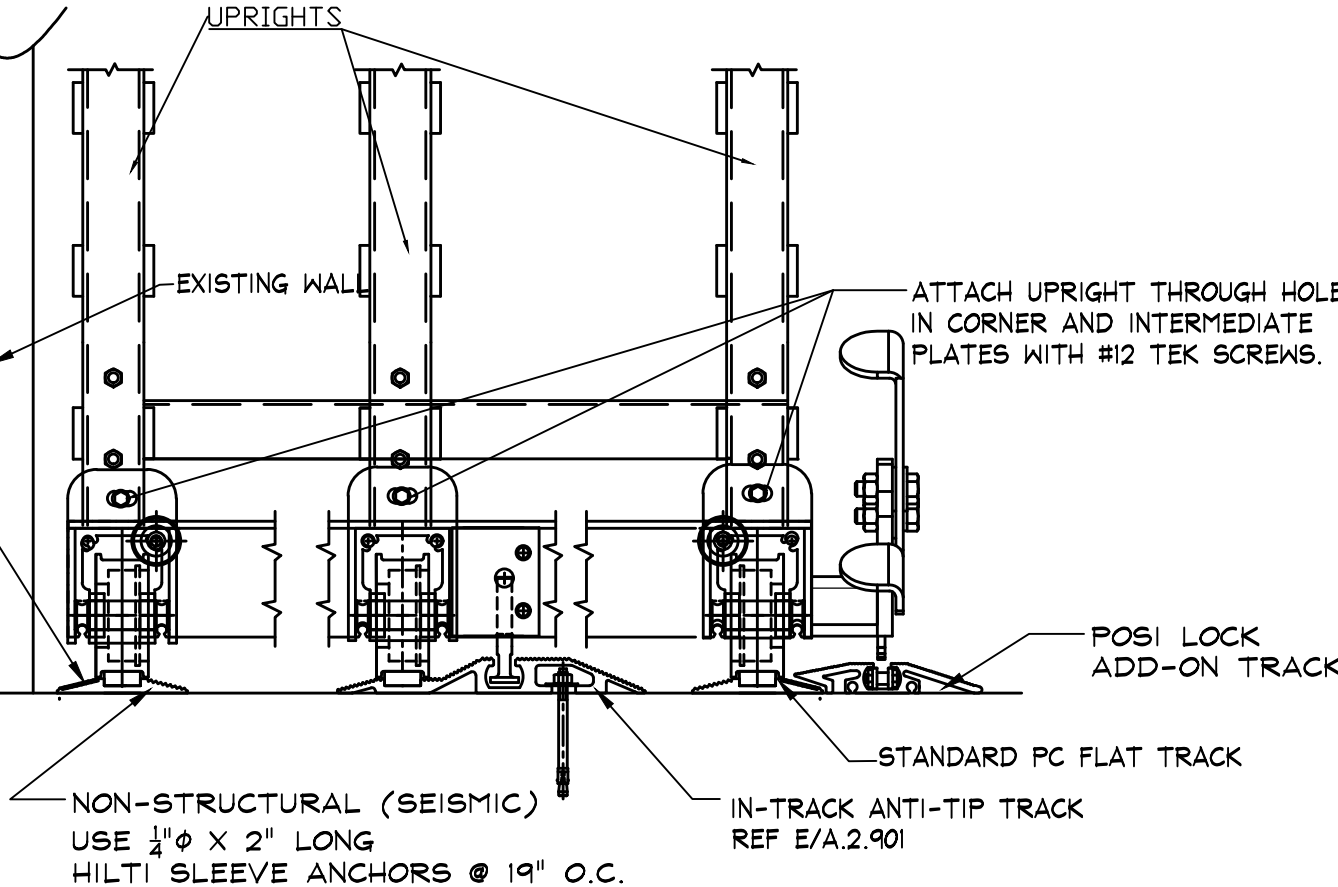
TYPICAL 1/2 TRACK MOBILE SYSTEM

TYPICAL 3 TRACK MOBILE SYSTEM



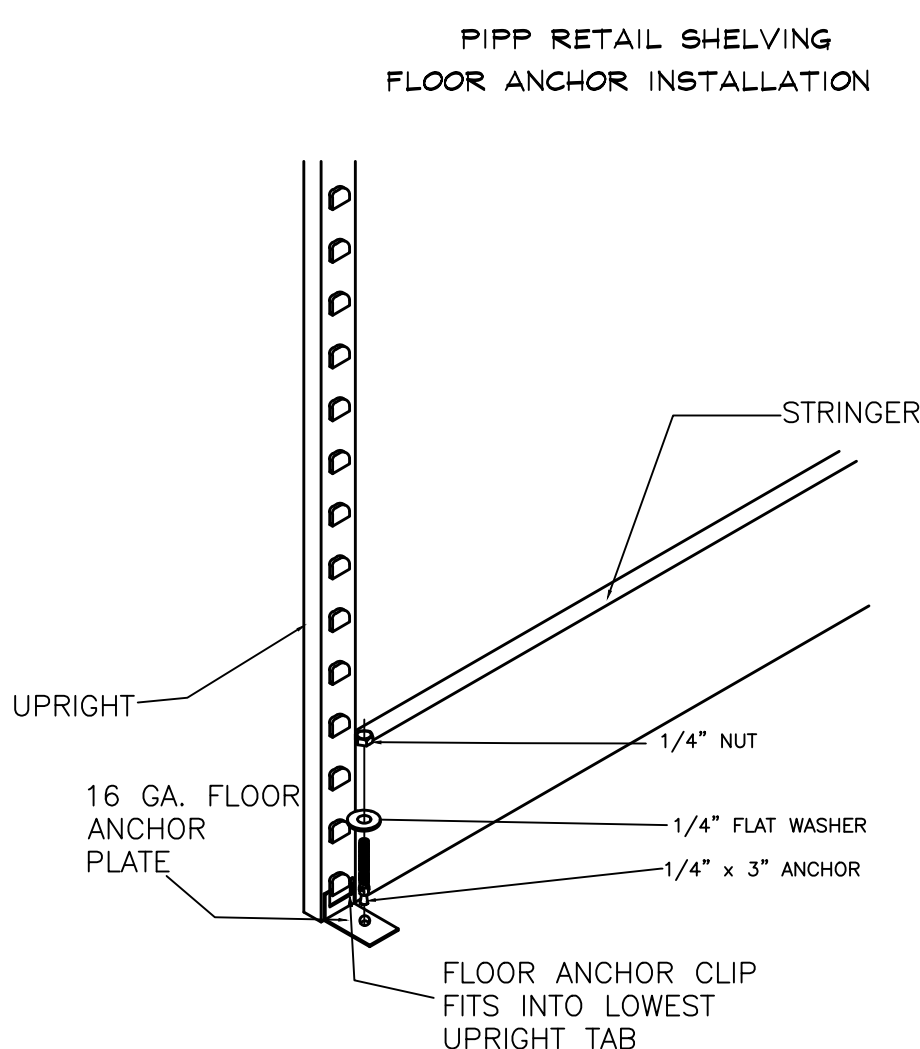
G "2 TRACK" CARRIAGE DETAIL

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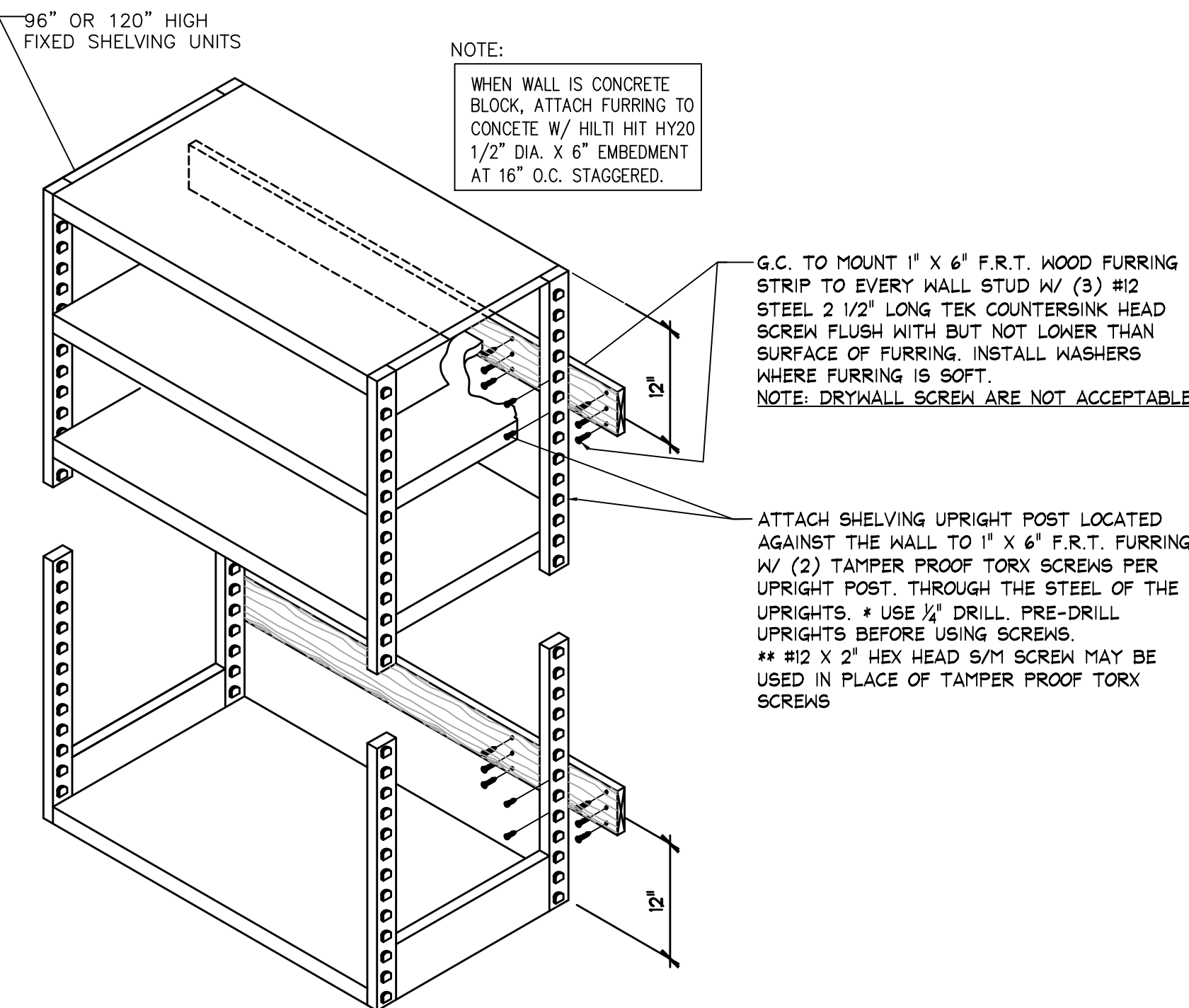
H "3 TRACK" CARRIAGE DETAIL

A2.90 NO SCALE



I FIXED SHELVING FLOOR CLIP DETAIL

A2.90 NO SCALE



FLEX RACK ASSEMBLY ATTACHED TO WALL FURRING

1. SECURE CONTINUOUS 1" X 6" WHITE PINE WOOD FURRING (#2 MINIMUM, KNOTS ARE TO BE NO CLOSER THAN 18" APART) TO EVERY WALL STUD TO ENSURE LATERAL STABILITY OF FULLY STOCKED WALL SHELVING.
2. ATTACH EVERY UPRIGHT POST LOCATED AGAINST THE WALL PER INSTRUCTIONS ABOVE.

J FIXED SHELVING WALL MOUNT DETAIL

A2.90 NO SCALE

NOTE: DETAILS, NOTES, AND/OR SPECIFICATIONS ON THIS SHEET NOT LISTED ALPHABETICALLY OR NUMERICALLY HAVE BEEN PURPOSELY OMITTED AND DO NOT PERTAIN TO THIS PROJECT.

AMERICAN EAGLE OUTFITTERS

STOCKROOM SHELVING
DETAILS
AMERICAN EAGLE OUTFITTERS
Puebla Outlet Premier
Puebla, MX

Store No.

9250

Drawing No.

A.1.901