

DETAIL B
SCALE 1 : 8
5/8 ALLEN HEX ON
PEDESTAL BOLTS
(3/4-10 SHCS)

DETAIL D
SCALE 1 : 8
2X SPIRAL SNAP RINGS & PINS
TOOL CONNECTION POINT
1.25" PIN & 1.00" PIN

DETAIL A
SCALE 1 : 8
15/16 HEX ON ANCHOR
BOLT NUT (5/8-11 THREAD)
1 1/2 HEX ON LEVELING
JACK (1 1/4-12 THREAD)
1 1/2 HEX ON LEVELING
JACK JAM NUT (1/4-12 THREAD)

DETAIL E
SCALE 1 : 8
3/8 ALLEN HEX ON
RE OR REAP BOLTS
(1/2-13 SHCS)

DETAIL C
SCALE 1 : 8
1 1/16 HEX ON IN/OUT
FRICTION BRAKE ADJUSTMENT
NUT (3/4-16 THREAD)

THE FOLLOWING IS A NON-COMPREHENSIVE LIST OF ITEMS SUGGESTED FOR INSTALLING THE SAM G. IT IS THE INSTALLER'S RESPONSIBILITY TO UNDERSTAND THE INSTALLATION PROCESS AND THE TOOLS REQUIRED PRIOR TO PERFORMING THE WORK

SNAP RING PLIERS	MACHINIST LEVEL & BUBBLE LEVEL	CHALK TO MARK PEDESTAL LOCATION
15/16" HEX WRENCH	HAMMER DRILL	BANDING SHEAR FOR PALLET DISASSEMBLY
1 1/16" HEX WRENCH	5/8" CONCRETE BIT	FISH TAPE FOR ROUTING HOSES
1 1/8" HEX WRENCH	VACUUM TO CLEAR ANCHOR BOLT HOLES	EYE BOLTS FOR LIFTING PEDESTAL
1 1/2" HEX WRENCH	EXTENSION CORDS	SLINGS
3/8" ALLEN HEX	LADDERS	PERSONAL PROTECTIVE EQUIPMENT
5/8" ALLEN HEX	MAN LIFT	3/4-10 X 4 ALIGNMENT STUDS TO HELP ALIGN
TORQUE WRENCH	PLUMBING TOOLS	THE SAM ONTO THE PEDESTAL
C-CLAMPS	ELECTRICAL TOOLS	FORKLIFT OR CRANE TO LIFT THE SAM INTO
DRILL	LAYOUT PRINT & TAPE MEASURE	POSITION

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USE A HEAVY TIE STAP AND SECURE THE REAR HORIZONTAL ARM TO THE TOP LOST LOAD PIN

PLACE A 2 X 6 OVER ARM TO PROTECT PAINT

PLACE CARDBOARD ON FORK TO PROTECT PAINT

BEFORE LIFTING SET FORK TRUCK SO THAT FORK IS CONTACTING BACK OF LIFT SECTION

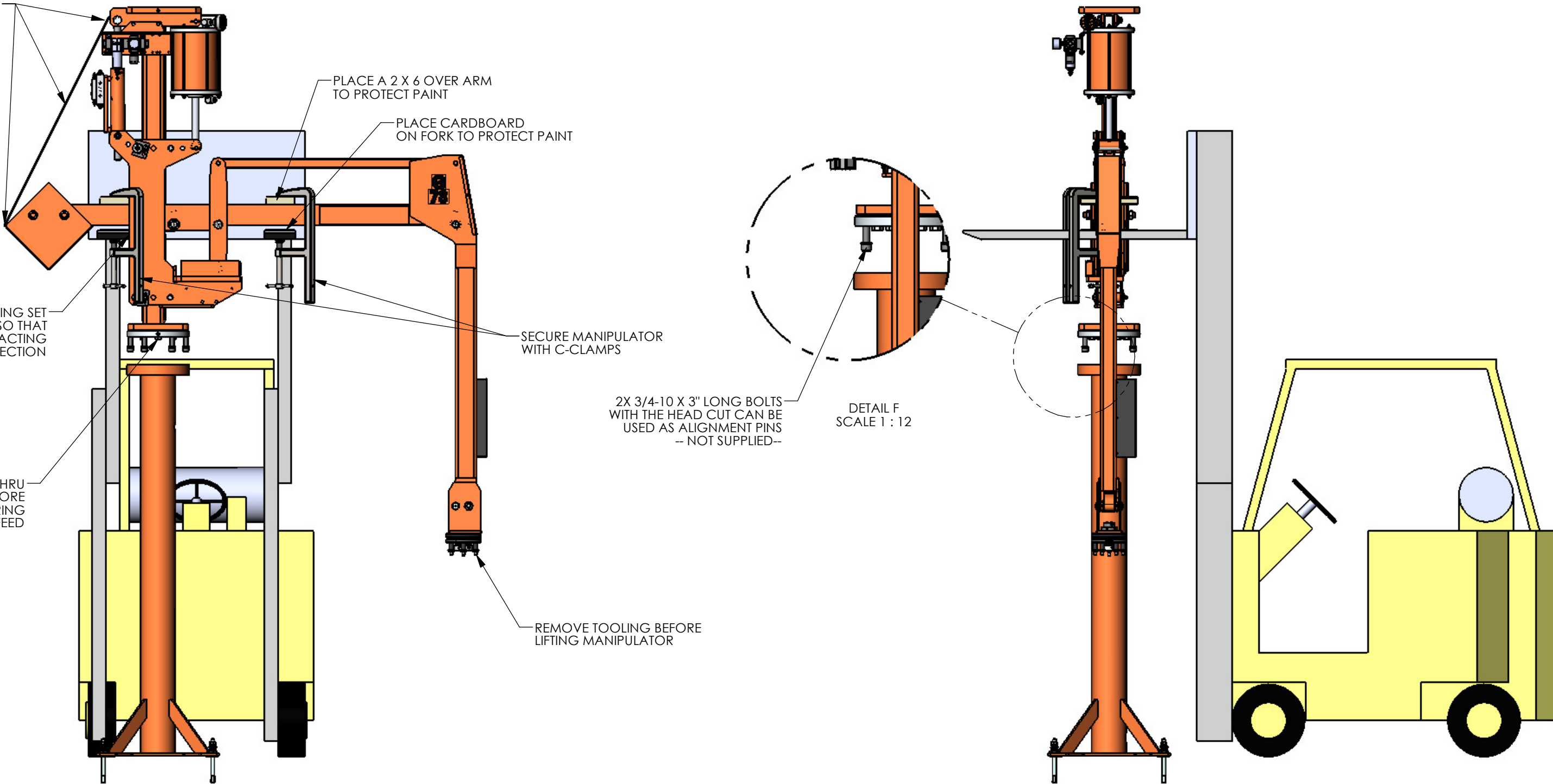
SECURE MANIPULATOR WITH C-CLAMPS

2X 3/4-10 X 3" LONG BOLTS WITH THE HEAD CUT CAN BE USED AS ALIGNMENT PINS -- NOT SUPPLIED--

DETAIL F SCALE 1 : 12

ATTACHE AIR LINE THRU PEDESTAL BEFORE ATTACHING TO BEARING IF AIR IS BOTTOM FEED

REMOVE TOOLING BEFORE LIFTING MANIPULATOR

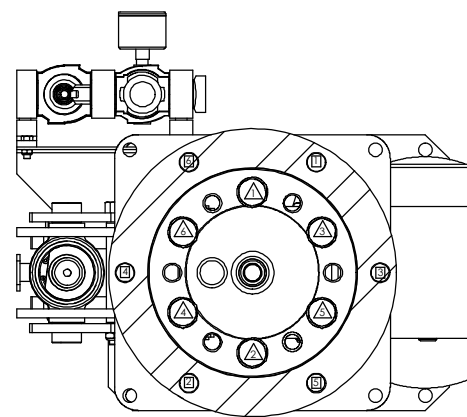
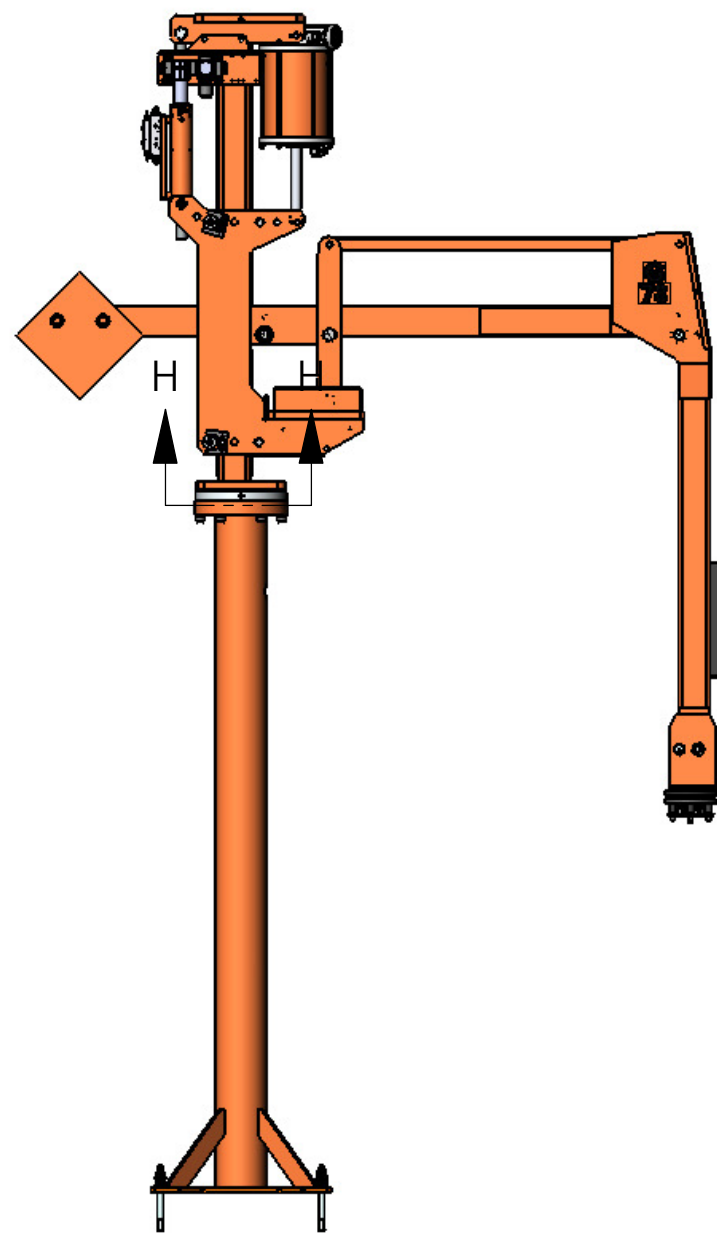


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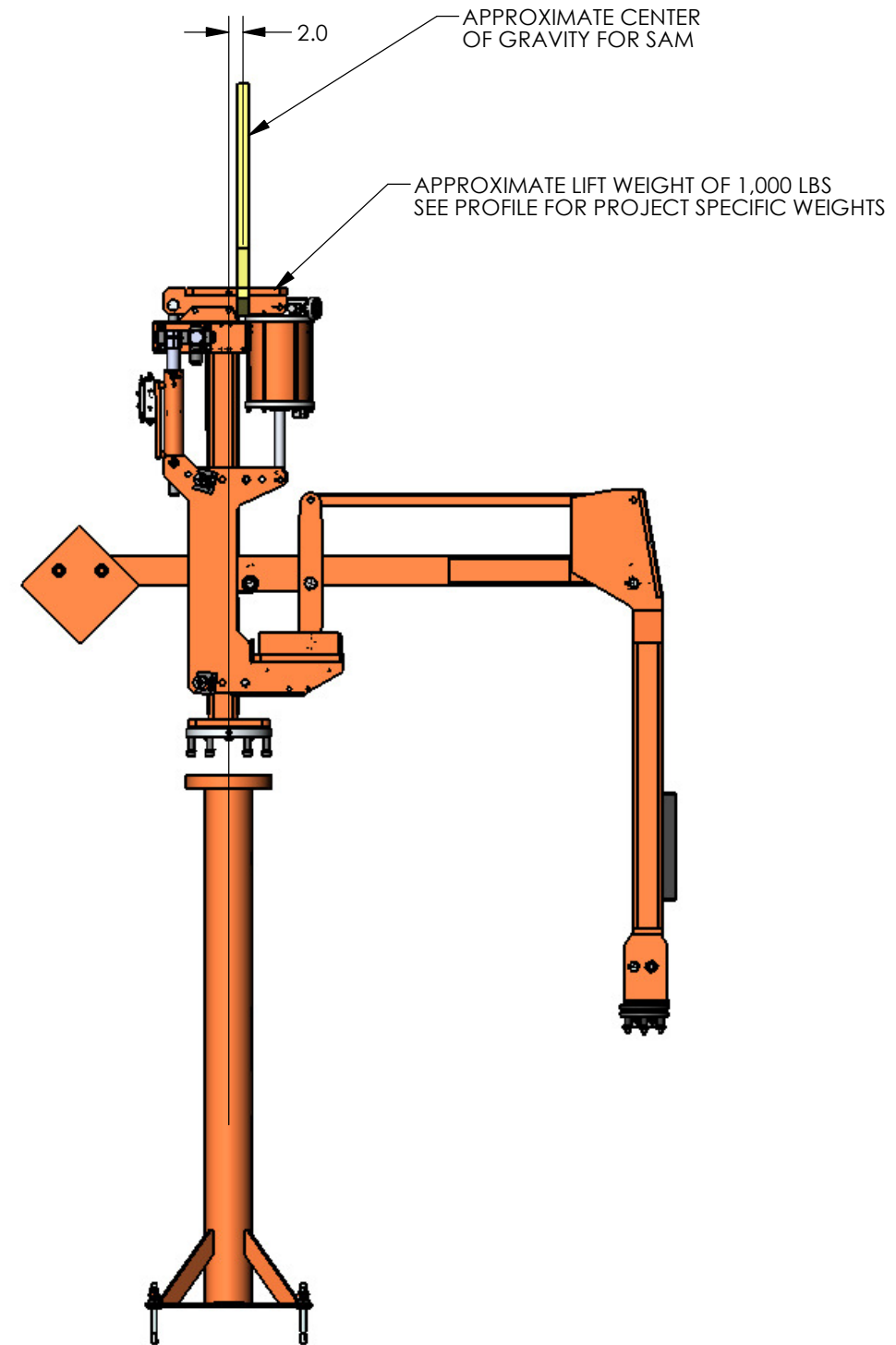


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		REV:



SECTION H-H
SCALE 1 : 8



TORQUING THE BEARING BOLTS:

1. ADD SERVICE GRADE THREAD LOCKER TO THE BOLTS.
2. TORQUE THE BOLTS IN A STANDARD STAR PATTERN AS SHOWN IN RED USING STAGED TORQUE PROCEDURE.
3. ROTATE BEARING ONE FULL ROTATION BOTH DIRECTIONS BETWEEN STAGES TO VERIFY FREE ROTATION.
4. STAGED TORQUE PROCEDURE
 - STAGE 1: 49 FT-LBS
 - STAGE 2: 98 FT-LBS
 - STAGE 3: 147 FT-LBS

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