

HIGH LEVEL SWITCH STAND (T-LEG OPTION)

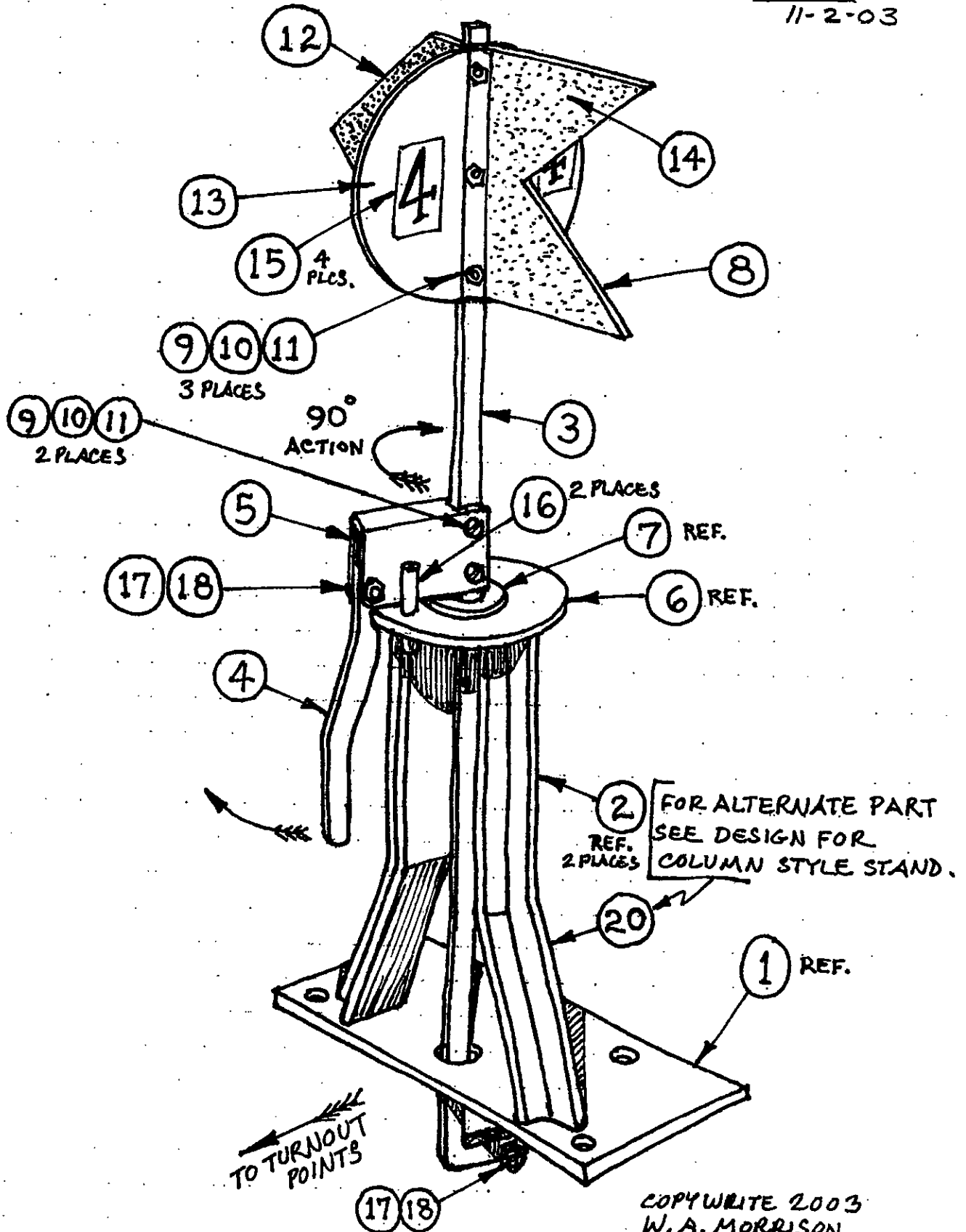
DRAWN 18 DEC. 2000

W.A. MORRISON

ASSEMBLY (SEE COMPUTER PRINT-OUT MATERIAL LIST)

REV. E

11-2-03



COPYWRITE 2003
W.A. MORRISON

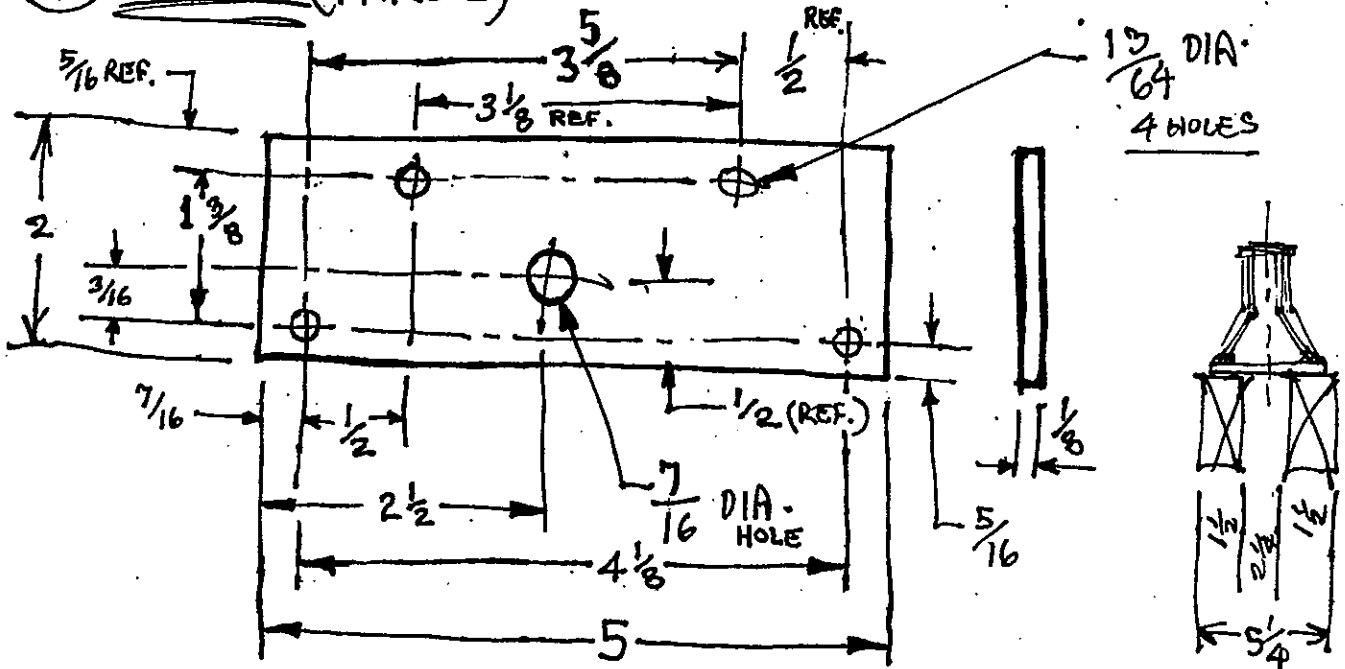
SWITCH STAND (T-LEG STYLE)

DRAWN 6-28-00
W.A. MORRISON

REV. B
7-1-01

MATERIAL: H.R. STEEL BAR

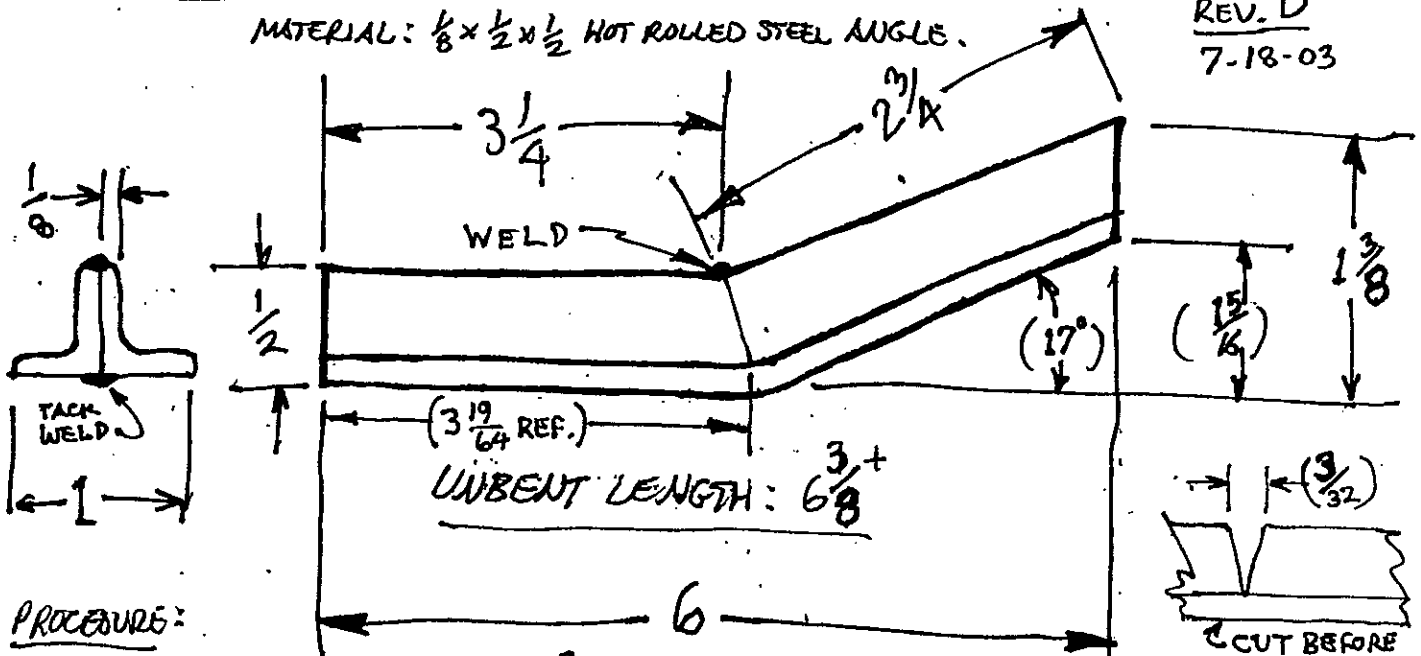
① BASE (MAKE 1)



② LEG (MAKE 4 PIECES AND WELD INTO 2 ASSEMBLIES)

MATERIAL: $\frac{1}{8} \times \frac{1}{2} \times \frac{1}{2}$ HOT ROLLED STEEL ANGLE.

REV. D
7-18-03



PROCEDURE:

1. CUT 4 PIECES OF ANGLE, $6\frac{3}{8}$ LONG.
2. WELD 2 PAIRS OF ANGLE INTO TEES (WELDER SETTING "D. 2")
3. NOTCH TEES AND BEND TO 17°
4. WELD AT 17° ANGLE.
5. MACHINE OR SAW ENDS.

SWITCH STAND

DRAWN BY W.A. MORRISON

ITEM ③ SHAFT

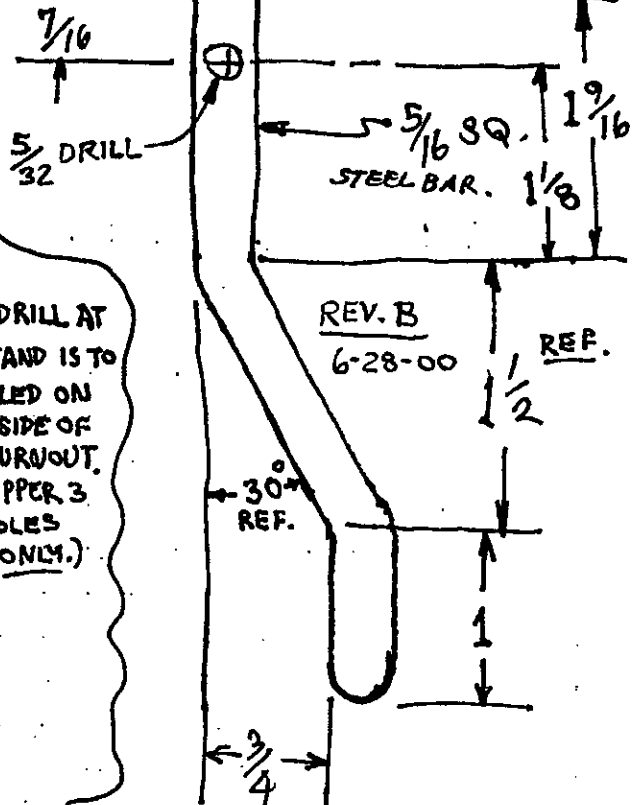
ITEM ④ HANDLE REV. B

REV. J
11-2-03

REV. B
11-2-03

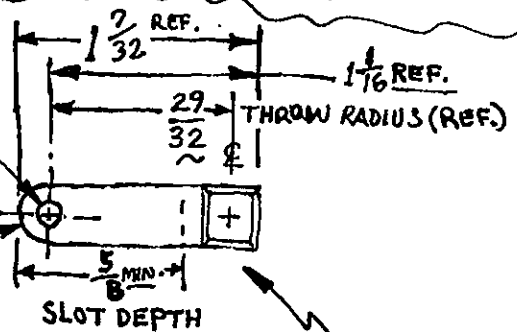
17 ³¹/₃₂ UNBENT
LENGTH

5/16 SQ. STEEL BAR



NOTE: DRILL AT 90° IF STAND IS TO BE INSTALLED ON STRAIGHT SIDE OF TURNOUT. (UPPER 3 HOLES ONLY.)

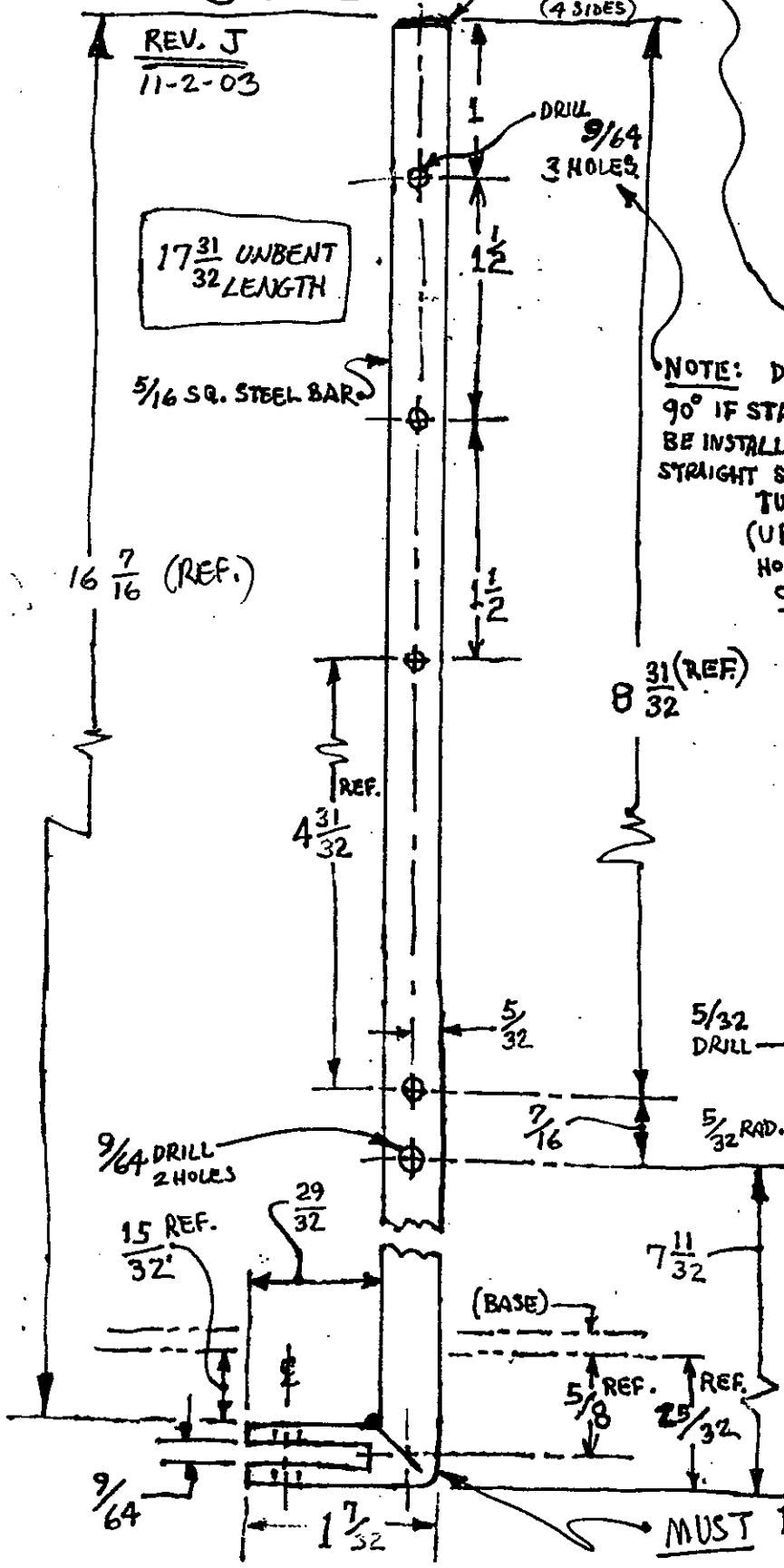
LENGTH IS 4 1/4 BEFORE BENDING.



TOP VIEW

TIP: DRILL NO. 26 HOLE BEFORE SLOTTING. CUT SLOT BEFORE BENDING AND WELDING.

MUST BE "V"8 AND WELDED, NOT COLD BENT.



MUST BE "V"8 AND WELDED, NOT COLD BENT.

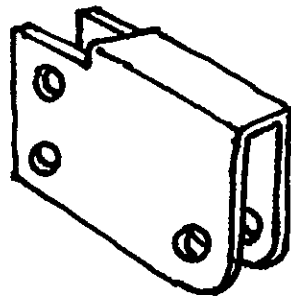
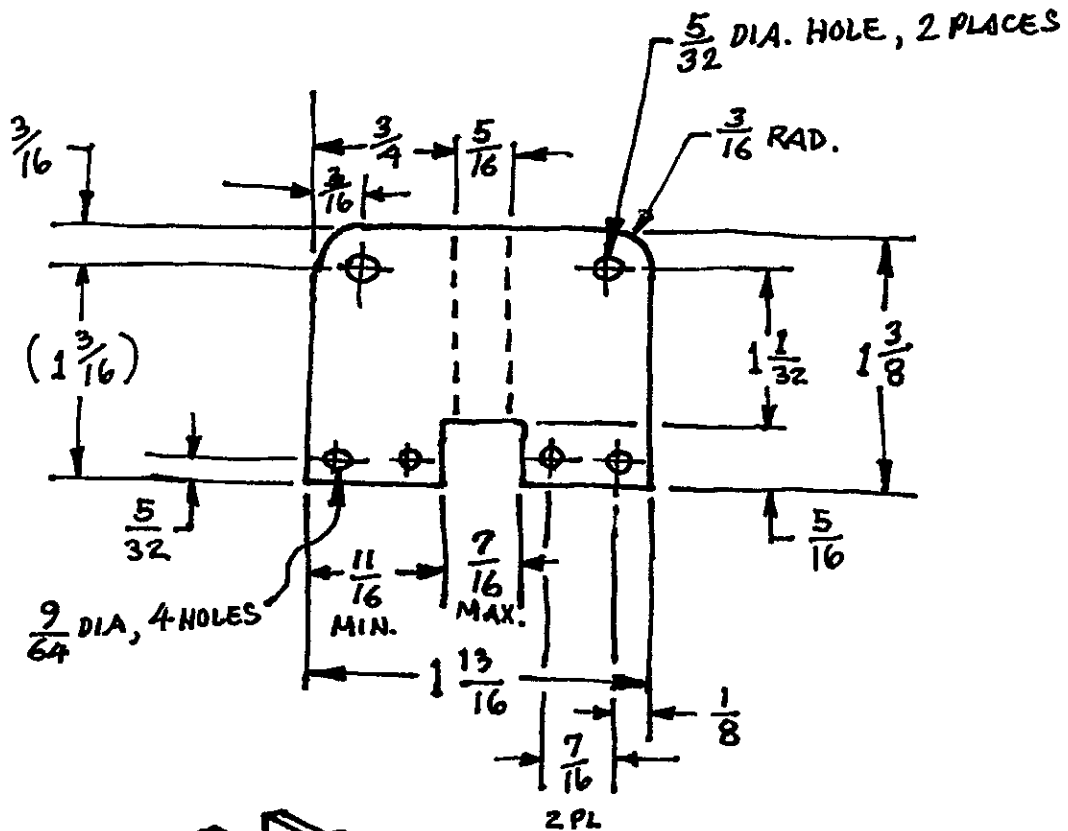
REDRAWN: 3-1-02
W.A. MORRISON

HIGH LEVEL SWITCH STAND

ITEM (5), HANDLE BRACKET

REV. E, 11-2-03

MATERIAL: 22 GA. STEEL (.032 THICK)



PROCEDURE:

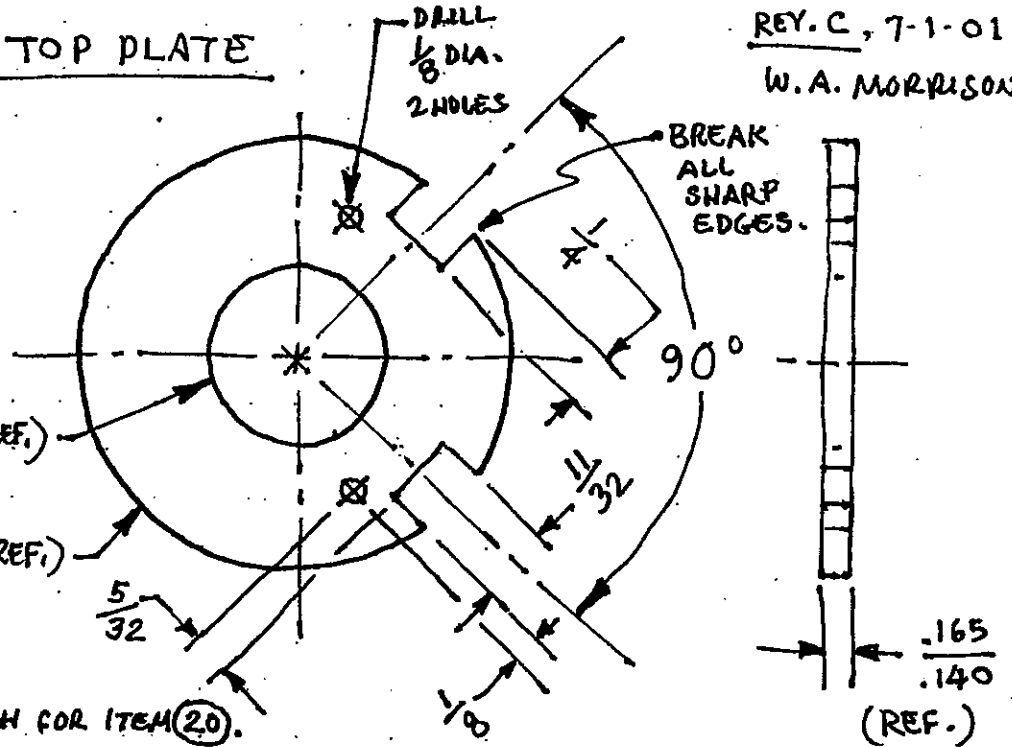
1. LAY OUT AND DRILL HOLES ON ONE HALF ONLY.
2. CUT OUT.
3. BEND AROUND $\frac{5}{16}$ " THICK SPACER.
4. MATCH DRILL HOLES ON UN-DRILLED SIDE.

HIGH LEVEL SWITCH STAND

ITEM (6) TOP PLATE

REV. C, 7-1-01
W.A. MORRISON

MATERIAL:
STEEL FLAT WASHER.
 $\frac{7}{8}$ " NOMINAL SIZE.
(ACE HARDWARE)



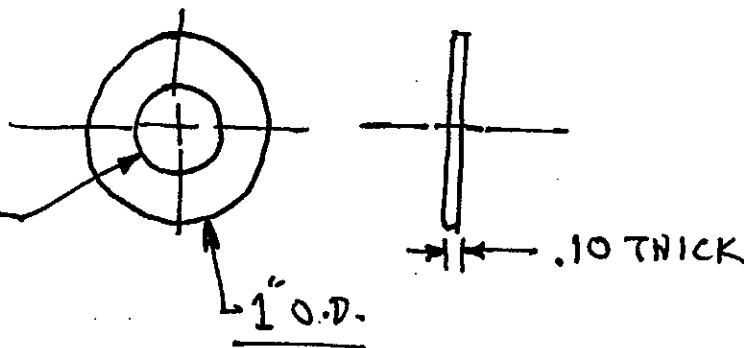
* NOTE:
ROTATE PART 180° TO
MATCH ASSEMBLY SKETCH FOR ITEM (20).

TIP: IF MAKING MULTIPLES, DRILL $\frac{1}{8}$ DIA. HOLES FIRST. ALIGN STACK OF PARTS WITH 4-40 SCREWS THROUGH $\frac{1}{8}$ DIA. HOLES BEFORE MILLING NOTCHES.

12-18-00
W.A. MORRISON
REV. B

ITEM (7) SHAFT BEARING, TOP

MATERIAL:
 $\frac{3}{8}$ " NOMINAL SIZE
STEEL
FLAT WASHER.
(ACE HARDWARE)



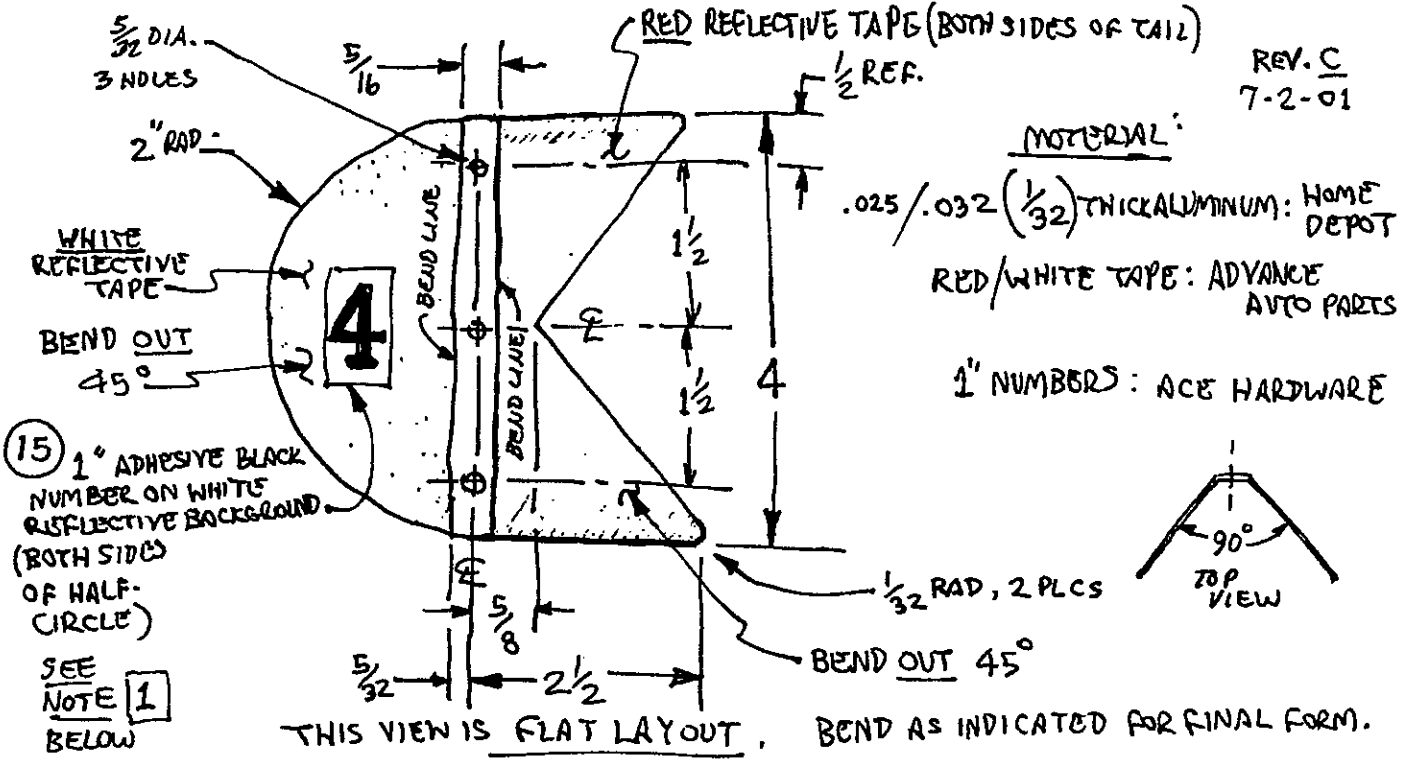
NEXT
ASSEMBLY:
WELD TO ITEM 6.

SWITCH STAND

DRAWN 11-13-00
W. A. MORRISON

ITEM (8) TARGET (TAIL)

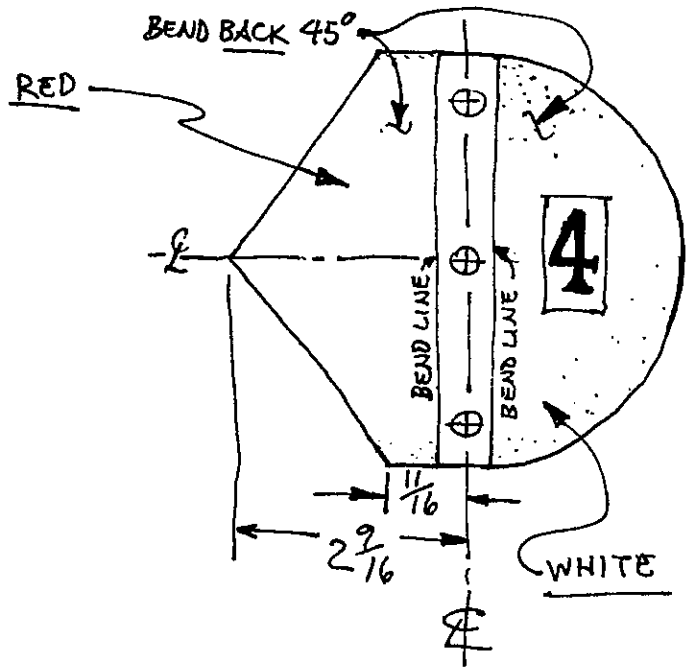
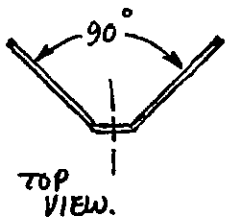
REV. C
7-2-01



ITEM (12) TARGET (POINT)

REV. C, 7-2-01

NOTE: DIMENSIONS NOT SHOWN ARE SAME AS FOR ITEM (8)



SWITCH STAND (T-LEG STYLE)

W.A. MORRISON
DRAWN 6-28-00
REV. C 12-27-00

BASE / SHEET
ITEM (20) ASSEMBLY, LEG WELDMENT (1 of 2)

TIP: USE FIXTURE TO HOLD PARTS IN ALIGNMENT FOR WELDING.

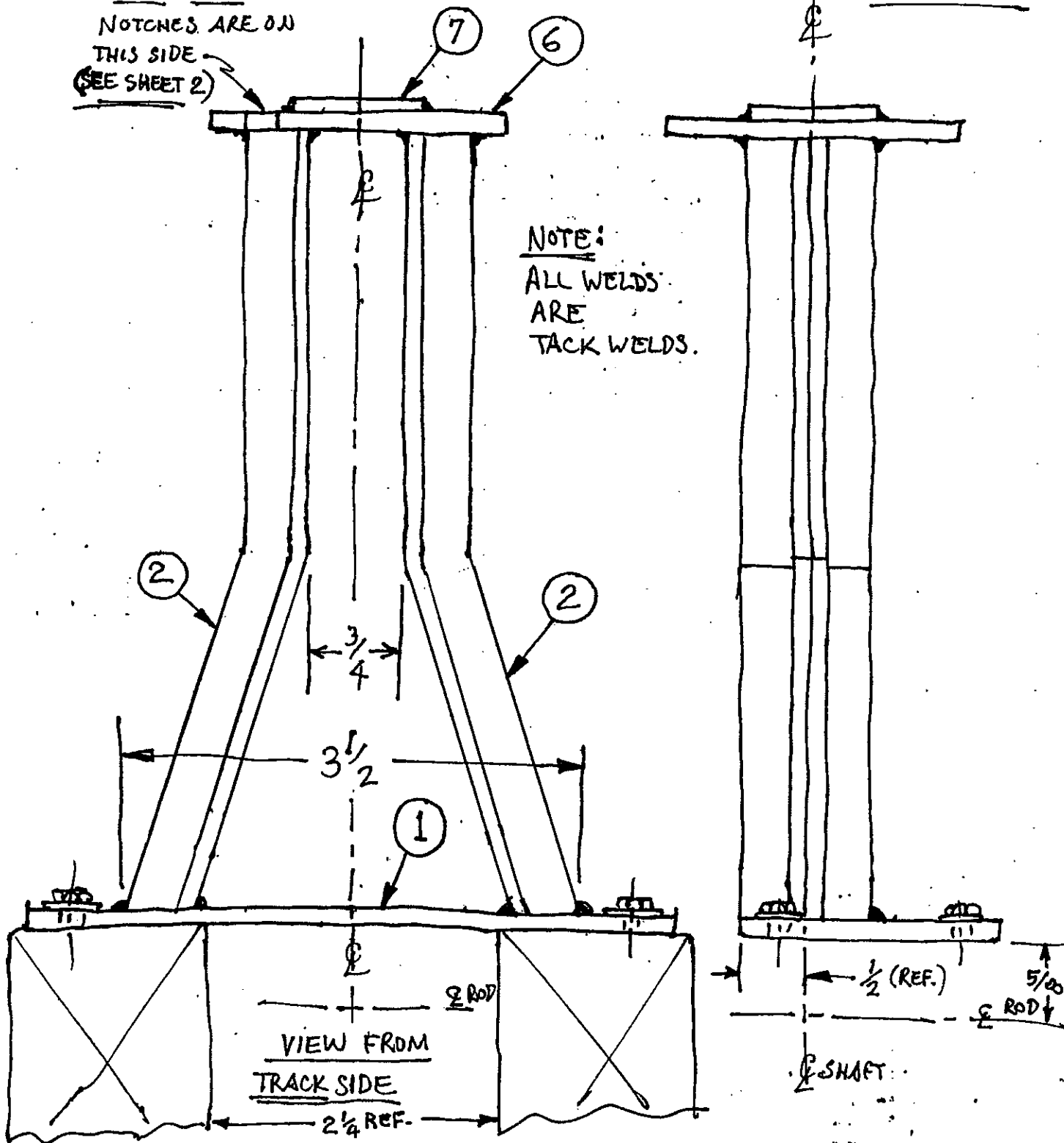
NOTE: BOTH HANDLE

NOTCHES ARE ON

THIS SIDE

(SEE SHEET 2)

SHEET 1 of 2



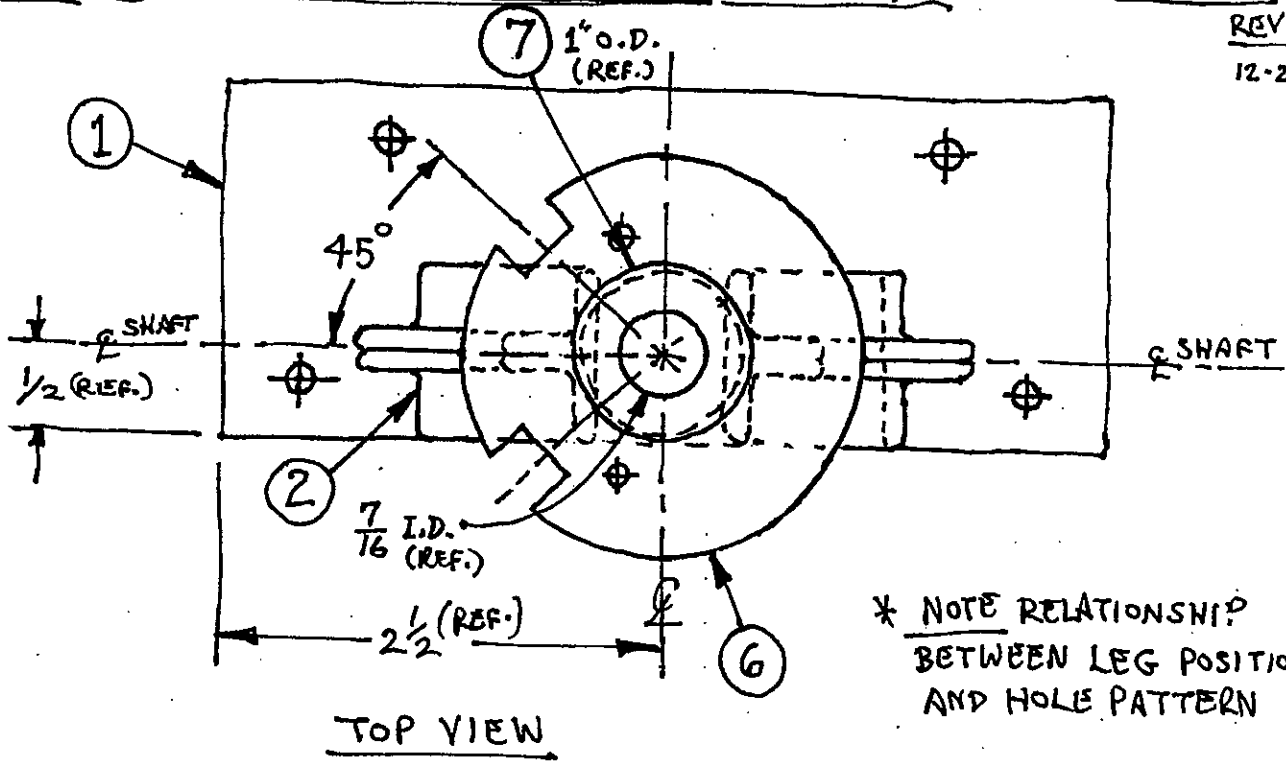
SWITCH STAND (T-LEG STYLE)

DRAWN 12-18-00
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ITEM (20) ASSEMBLY, BASE/LEG WELDMENT (2 of 2)

SHEET 2 of 2

REV. C
12-27-00



DRAWN 18 DEC. 2000

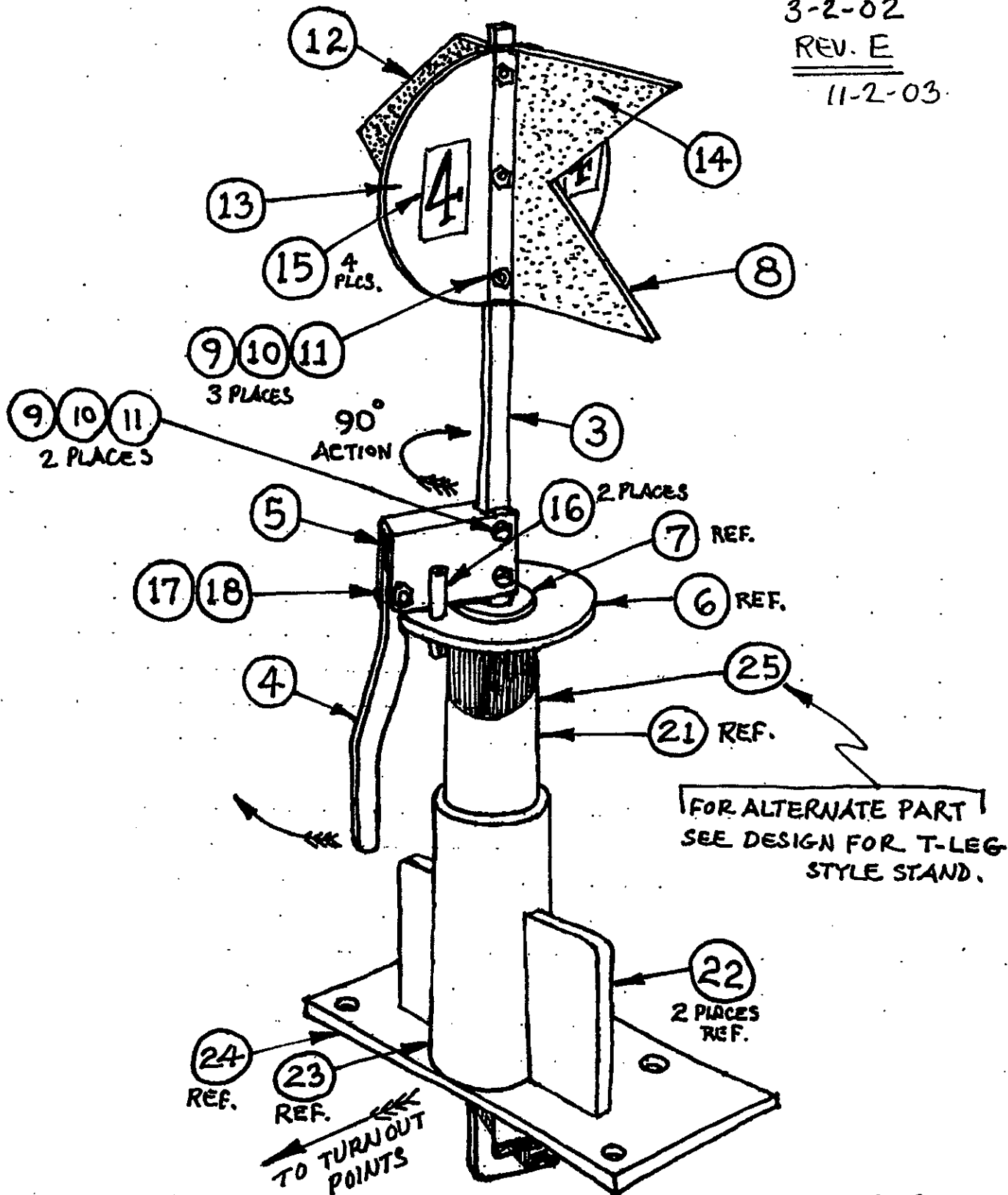
W.A. MORRISON

HIGH LEVEL SWITCH STAND (COLUMN OPTION)

ASSEMBLY (SEE COMPUTER PRINT-OUT MATERIAL LIST)

REV. C
3-2-02

REV. E
11-2-03

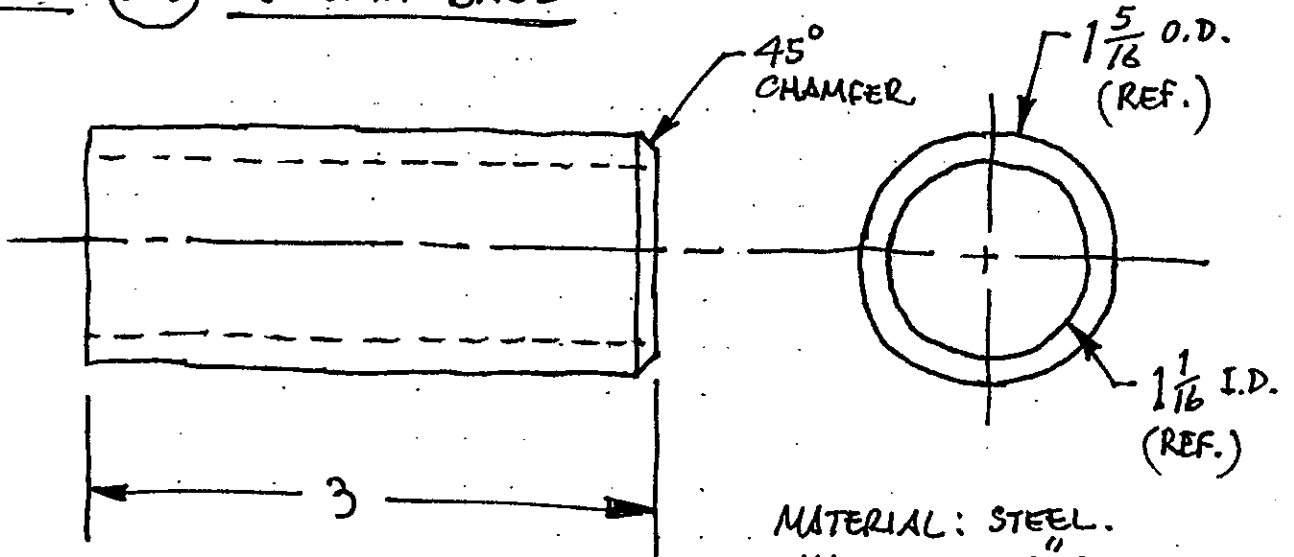


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SWITCH STAND (COLUMN TYPE)

DRAWN 12-19-00
W. A. MORRISON
REV. B, 11-2-03

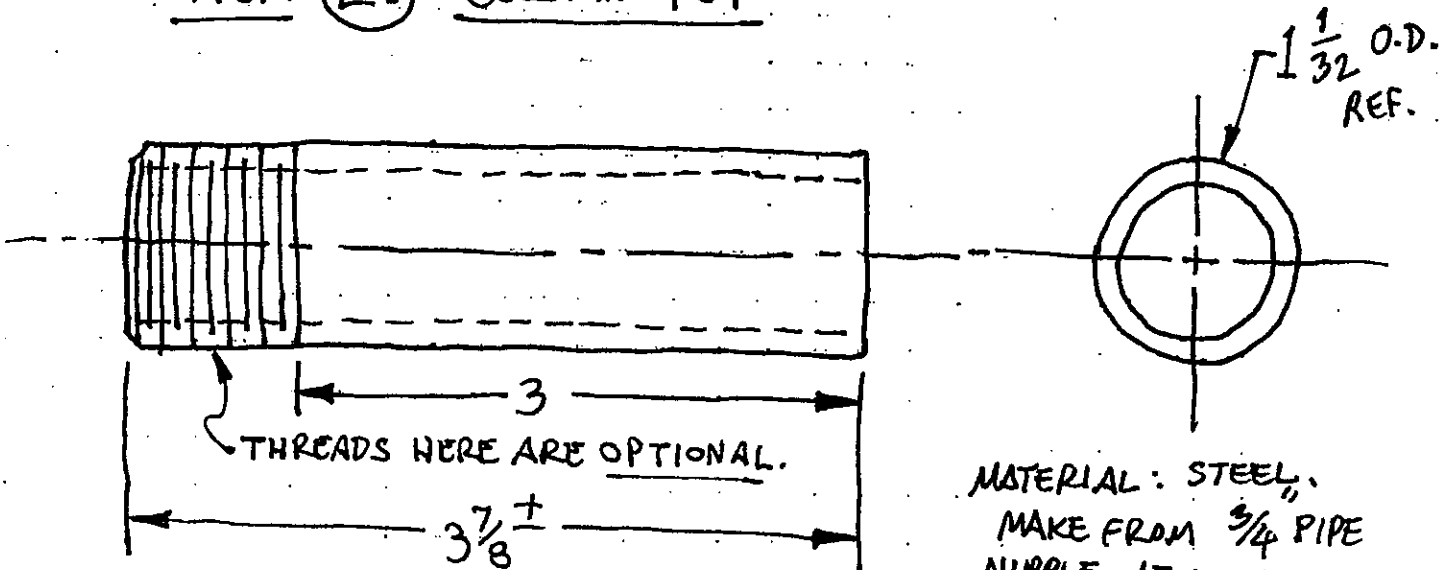
ITEM (23) COLUMN BASE



MATERIAL: STEEL.
MAKE FROM 1" PIPE NIPPLE
AT LEAST 5" LONG.

REV. A, 12-19-00

ITEM (21) COLUMN TOP



MATERIAL: STEEL,
MAKE FROM $\frac{3}{4}$ " PIPE
NIPPLE AT LEAST
5" LONG.

SWITCH STAND (COLUMN TYPE)

DRAWN 12-19-00

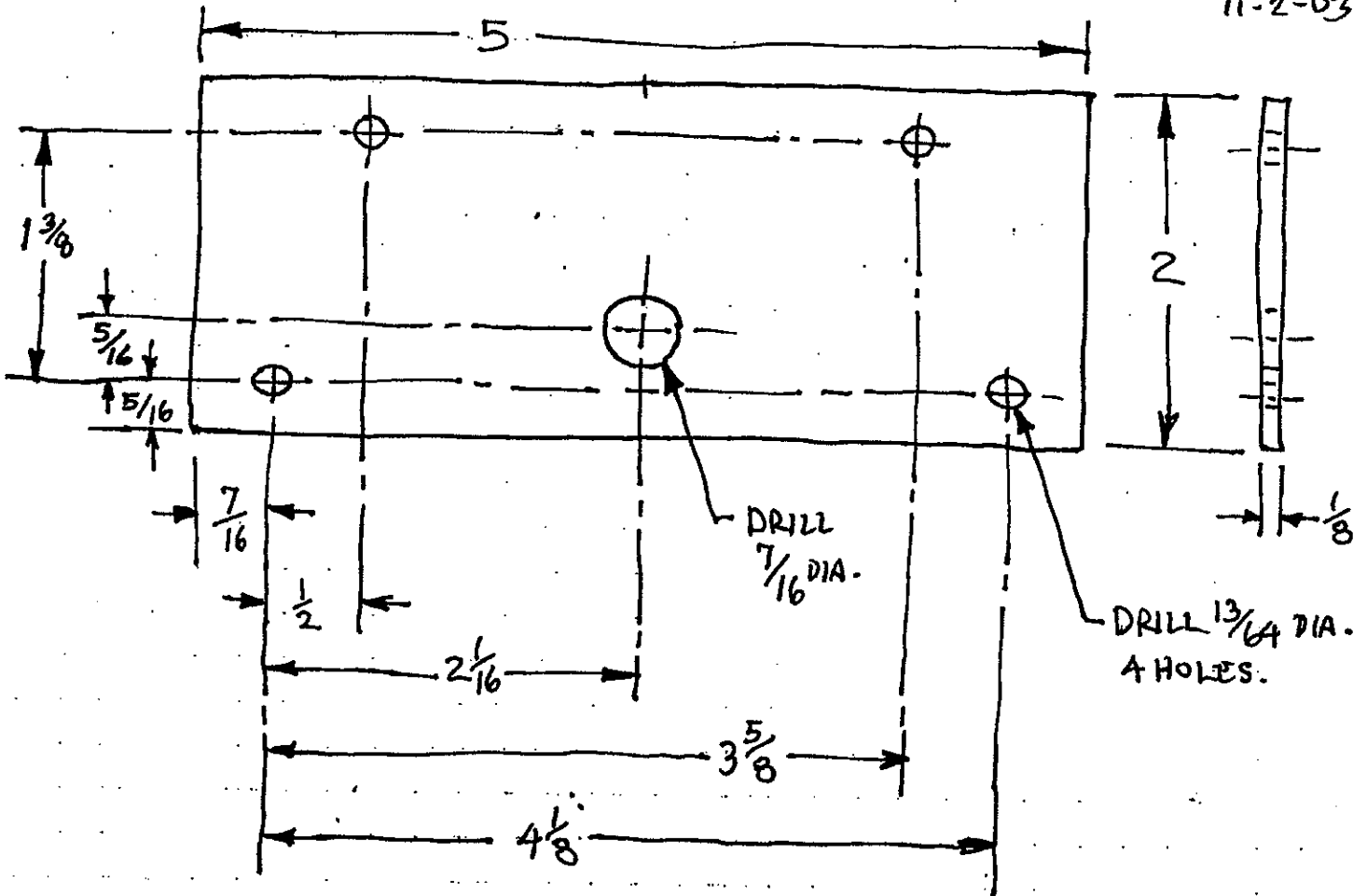
W.A. MORRISON

REV. B 01-01-01

ITEM (24) BASE

MATERIAL: H.R. STEEL BAR.

REV. C
11-2-03



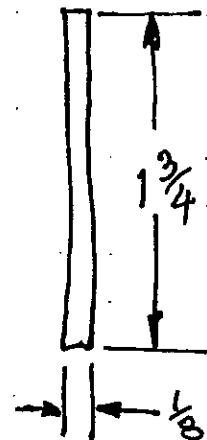
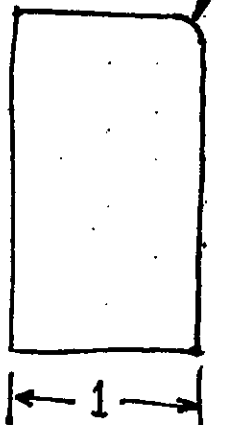
ITEM (22) COLUMN GUSSET

MAKE 2 PARTS

MATERIAL: 1/8 THK STEEL

1/8 RAD.

REV. B 5-23-02



SWITCH STAND (COLUMN TYPE)

DRAWN 12-10-00

W. A. MORRISON

25 ASSEMBLY, COLUMN WELDMENT

TIP: USE FIXTURE TO HOLD PARTS IN ALIGNMENT FOR WELDING.

REV. E
11-2-03

NOTE: BOTH HANDLE NOTCHES
ARE ON THIS SIDE
(SEE ITEM 20
TOP VIEW)

