

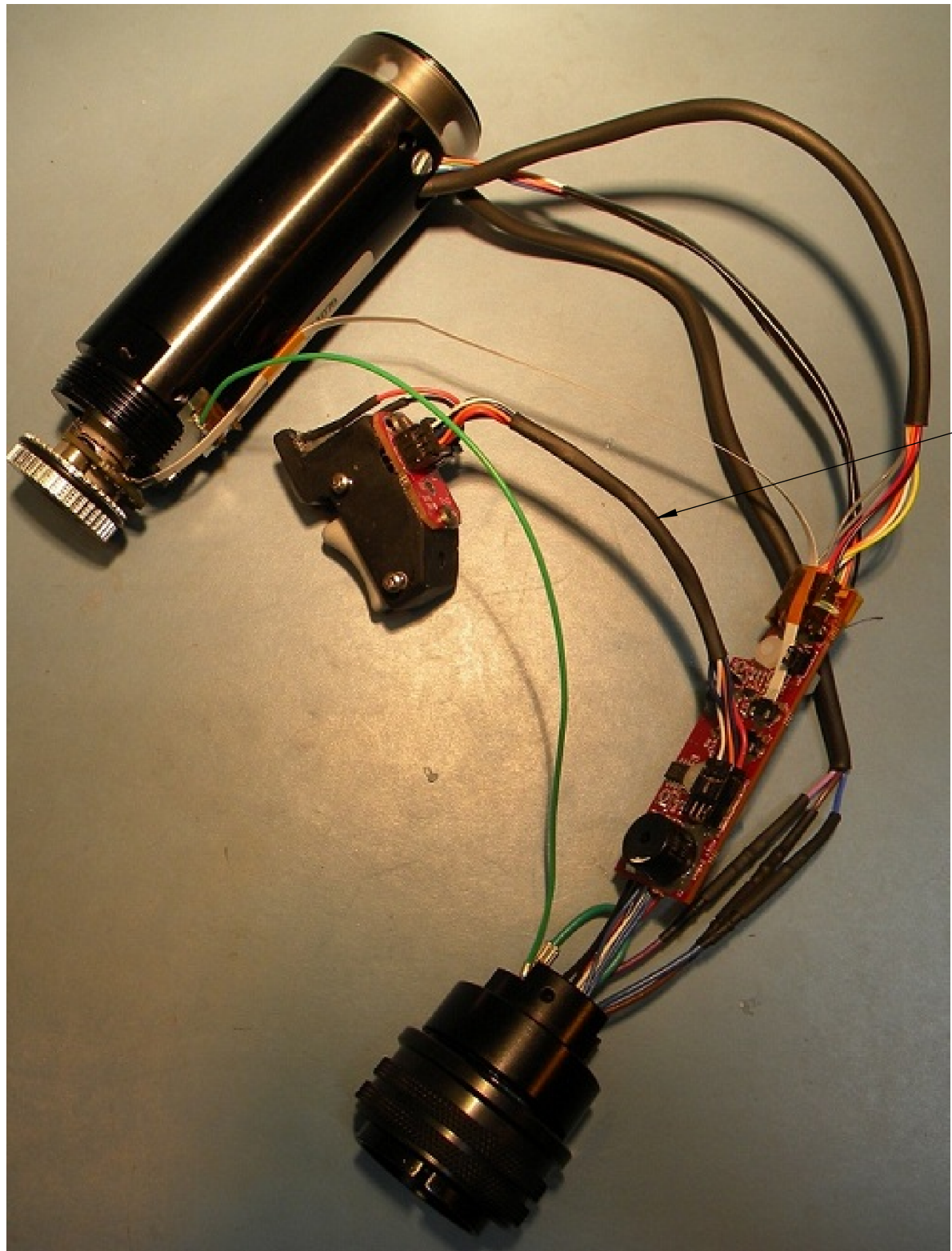
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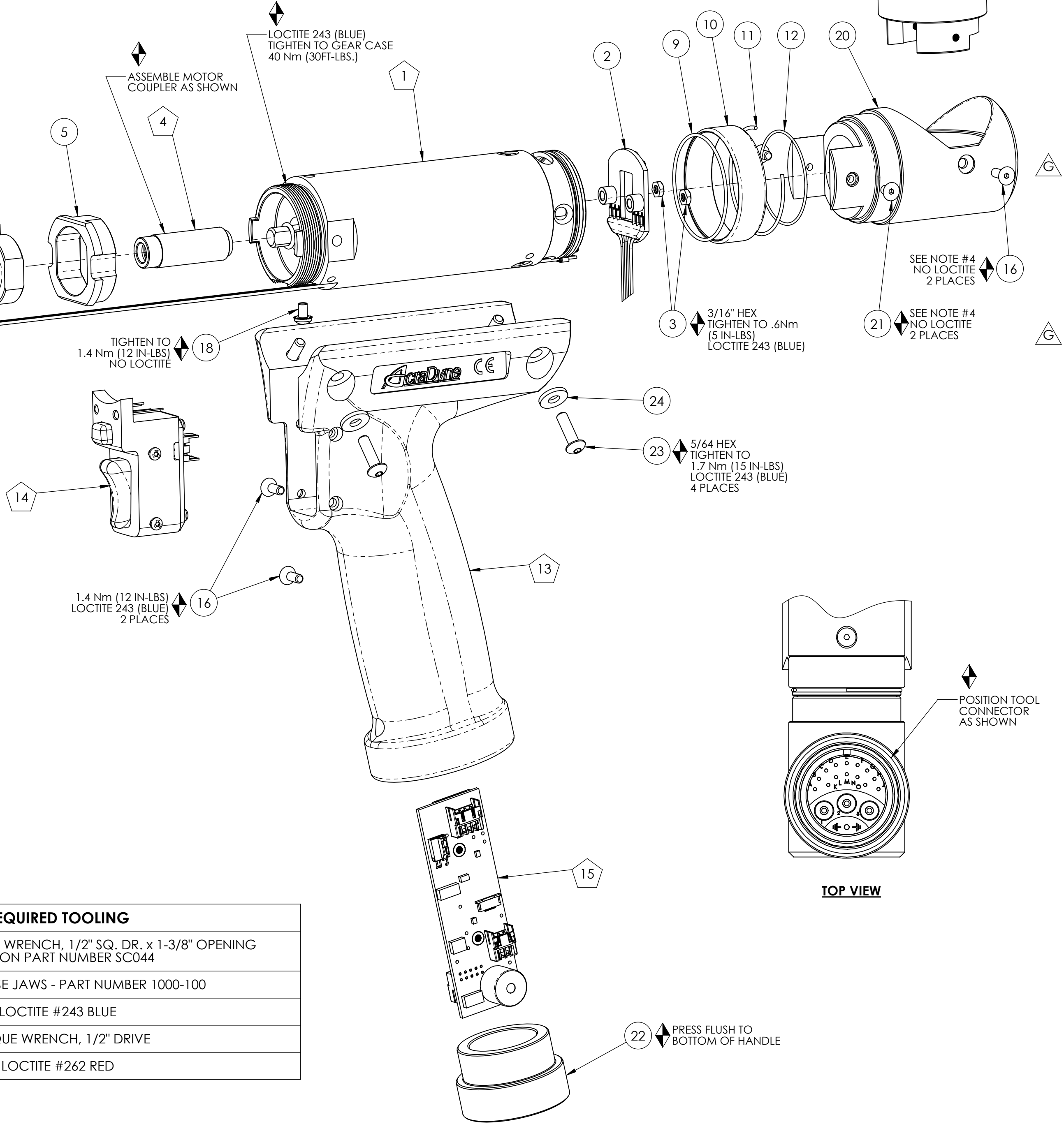
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LOCTITE 243 (BLUE)
ASSEMBLE OUTPUT ASSEMBLY
TO GEAR CASE

34.9MM (1-3/8")
TIGHTEN TO:
40Nm (30 FT-LBS)

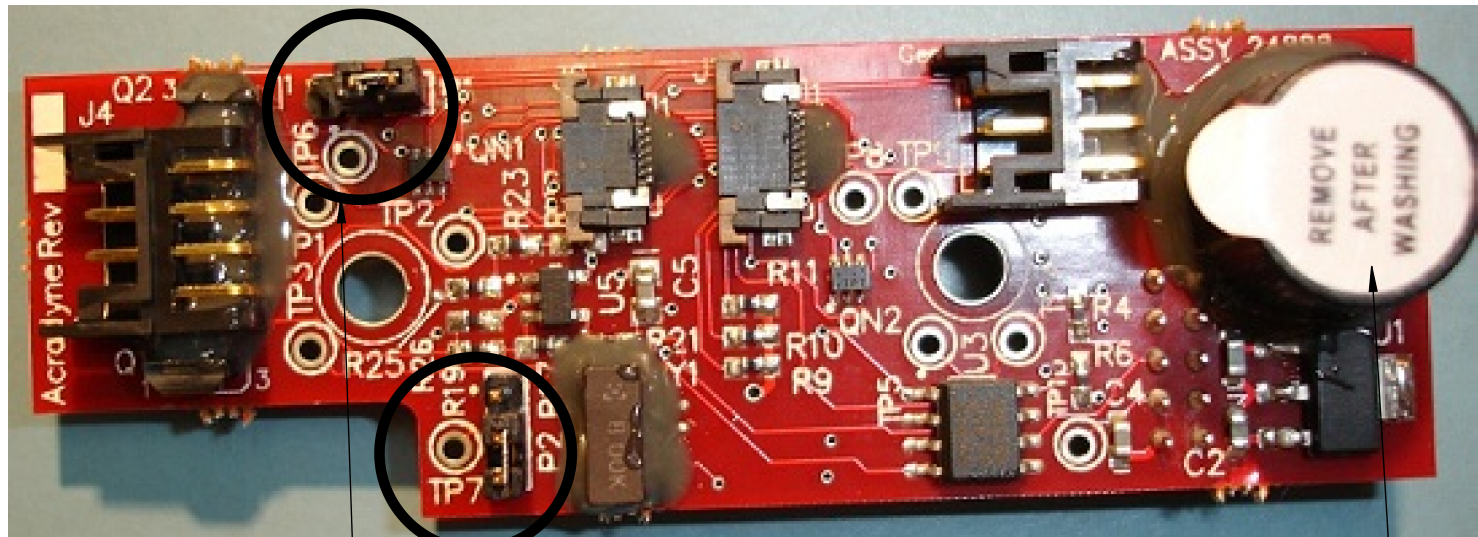


REQUIRED TOOLING
SNAP-ON CROWFOOT WRENCH, 1/2" SQ. DR. x 1-3/8" OPENING SNAP-ON PART NUMBER SC044
MAGNETIC VISE JAWS - PART NUMBER 1000-100
LOCTITE #243 BLUE
TORQUE WRENCH, 1/2" DRIVE
LOCTITE #262 RED



COMMENTS	ITEM NO.	PART NUMBER	QTY	DESCRIPTION
	1	26218	1	PISTOL MOTOR ASM.
	2	26599	1	LED PCB ASSY, PISTOL
	3	27016	2	NUT, HEX, 4-40 UNDERSIZED, STEEL ZINC
	4	24780	1	MOTOR COUPLER SUB-ASM.
	5	25763	1	TRANSDUCER ADAPTOR
	6	SEE CHART	1	TRANSDUCER SUB-ASM.
	7	SEE CHART	1	GEAR CASE SUB-ASM.
	8	24699	1	STRAIGHT OUTPUT ASM., 3/8" SQ. DR.
	9	24687	1	O-RING, LIGHT RING, LEVER
	10	24873	1	LIGHT RING
	11	24686	1	RETAINING RING, LEVER LIGHT RING
	12	24731	1	O-RING, RING GEAR
	13	26667	1	PISTOL HANDLE, 1000 SERIES
	14	25871	1	SWITCH SUB-ASSEMBLY
	15	25849	1	T.I.D. BOARD ASM., PISTOL
	16	24934	4	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
SEE WIRING PHOTO	17	25788	1	CABLE, TRIGGER, GEN 4 PISTOL
	18	25814	1	SCREW, PAN HEAD PHILLIPS, 4-40 x 3/16, STAR WASH, SS
	19	SEE CHART	1	REACTION BAR, ALUMINUM, 1000 SERIES
	20	24910	1	RIGHT ANGLE ADAPTOR, TOOL CONN.
	21	25138	2	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
	22	25798	1	PLUG, PISTOL HANDLE
	23	26792	4	SCREW, BHSC 6-32X.50, STEEL, BLACK OXIDE
	24	26791	4	WASHER, FLAT, NO 6 SCREW, STEEL, BLACK OXIDE
	25	25889	1	TOOL CONNECTOR ASM., TOP EXIT PISTOL
	26	SEE CHART	1	SPLINE COVER, PISTOL

MODEL NO.	TRANSDUCER ASM.	GEAR CASE ASM.	SPLINE COVER	REACTION BAR
AEP4T12003B	25759.001	24860	24759	N/A
AEP4T12006B	25760.002	24860	24759	N/A
AEP4T12011B	25761.003	24709	N/A	24696
AEP4T12014B	25761.005	24792	N/A	24696
AEP4T12018B	25761.008	24710	N/A	24696
AEP4T12022B	25761.010	24781	N/A	24696



—CHECK TID JUMPER CONNECTIONS
PIN 2 TO PIN 3, BOTH LOCATIONS

 ASSEMBLY INSTRUCTIONS

 SUB-ASSEMBLY

- 1) GEARS & SPLINES: LUBRICATE WITH DOW CORNING MOLYKOTE BR2 PLUS GREASE.
- 2) BEARINGS: LUBRICATE WITH CHEVRON SR1 GREASE
- 3) O-RINGS: LUBRICATE WITH O-RING LUBE
- 4) TIGHTEN TO 1.0 Nm (9IN-LBS) LOCTITE 243 (BLUE)

**UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES**
DIMENSIONS AND TOLERANCING PER ANSI Y14.5
SURFACE ROUGHNESS PER ANSI Y14.36

BLOCK TOLERANCING PER DECIMAL:
 $.X = \pm .030$ $.XX = \pm .010$ $.XXX = \pm .005$ $.XXXX = \pm .0005$

REMOVE BURRS AND SHARP EDGES: R.015 MAX
MACHINE SURFACE FINISH: 125 RMS OR BETTER

**DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING**

AEP4T120_B
PISTOL NUTRUNNER
GEN IV, 1000-SERIES

SIZE	PART / DRAWING NUMBER	REVISION
1/2"	1-111-111-111-1	1

D	AEP4T120__B
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SCALE 1:2	DO NOT SCALE DRAWING
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ET 1 OF 2



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