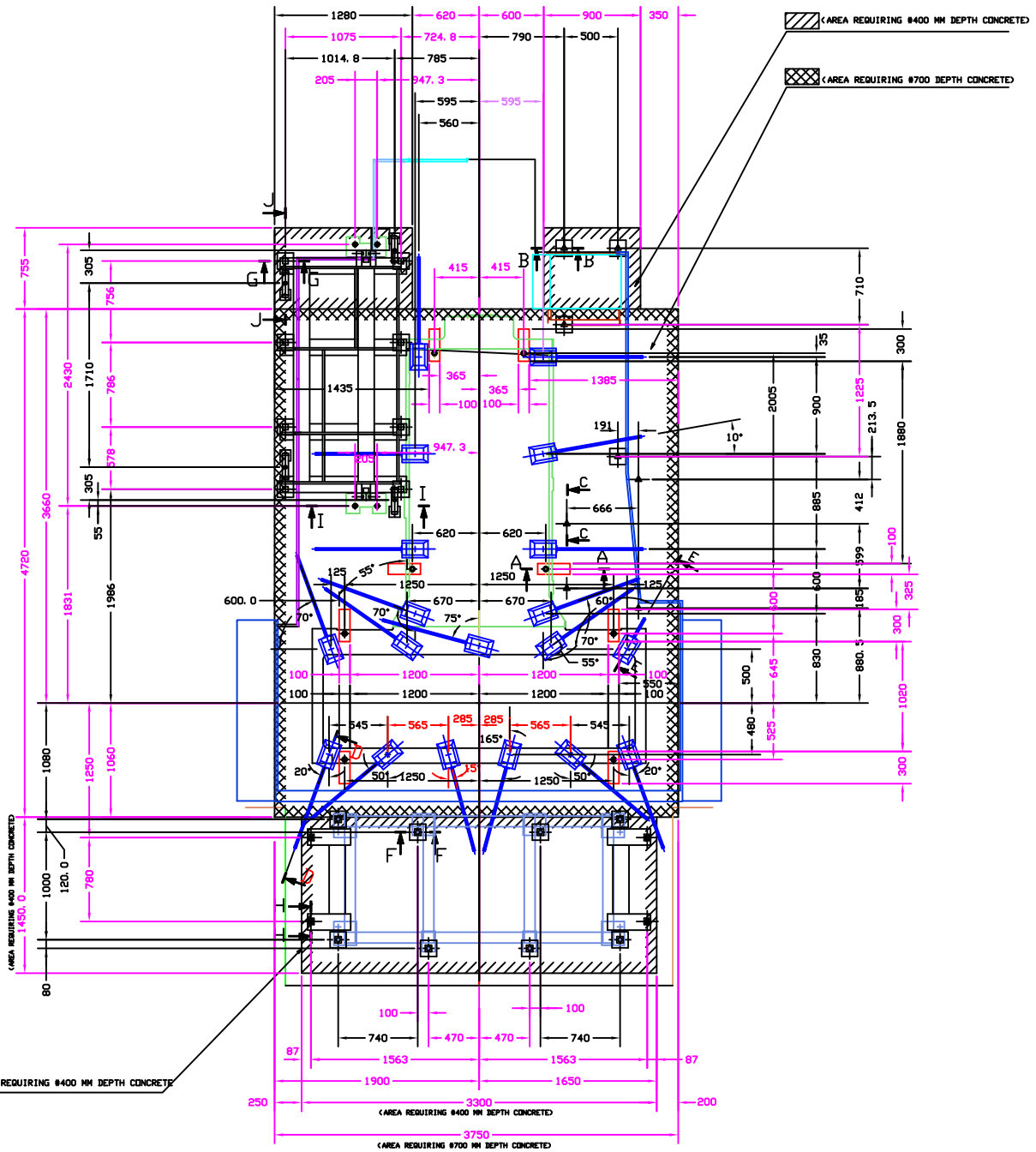
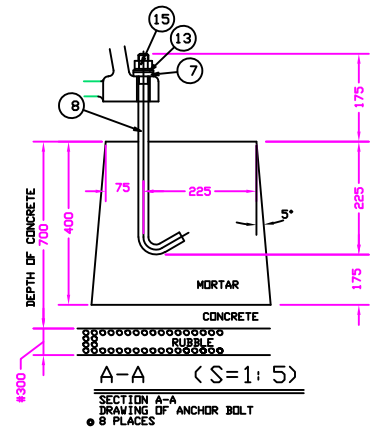
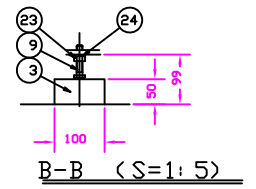
NO	NAME	PART NUMBER	QTY
1	JACK BOLT	TA-Y1-20	22
2	SEATING PLATE	FB-A-70	8
3	SEATING PLATE	FF-D-50	8
4	LEVELING BLOCK	29-70105001-2	set
5	WASHER	29-69910052-0	4
6	WASHER	29-08263042-0	8
7	SPHERE WASHER	WS-A1-20	8
8	FOUNDATION BOLT	TA-F1-20X400	8
9	JACK BOLT	TS-D1-12X60	4
10	SPRING WASHER	WS-T-16	8
11	NUT	TN-D1-16	8
12	SEATING PLATE	FB-A-50	8
13	SPRING WASHER	WS-T-20	46
14	WASHER	WS-P1-20	4
15	NUT	TN-D1-20	46
16	ADJUST BLOCK	29-69670034-1	2
17	CLAMPER	FF-C1-24B	4
18	ANCHOR BOLT	SL-22	8
19	JACK BOLT	TA-A1-16X80	8
20	ADJUST BASE	29-69910501-1	4
21	ANCHOR BOLT	SL-35	4
22	JACK BOLT	TA-A1-20X150	4
23	NUT	TN-D1-12	8
24	SPRING WASHER	WS-T-12	8
25	BOLT	TA-A1-12X110	4

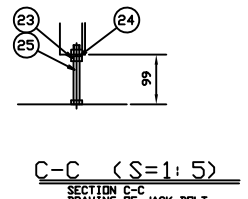




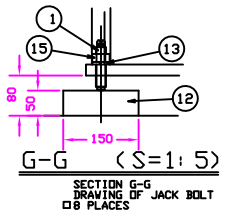
A-A (S=1:5)
SECTION A-A
DRAWING OF ANCHOR BOLT
● 8 PLACES



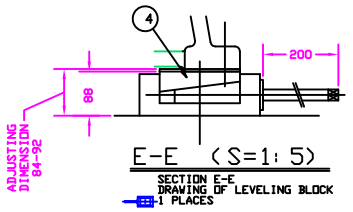
B-B (S=1:5)
SECTION B-B
DRAWING OF JACK BOLT
▲4 PLACES



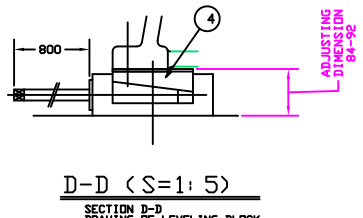
C-C (S=1:5)
SECTION C-C
DRAWING OF JACK BOLT
▲4 PLACES



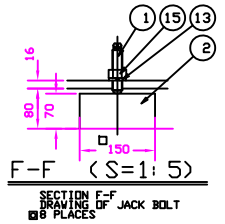
G-G (S=1:5)
SECTION G-G
DRAWING OF JACK BOLT
□8 PLACES



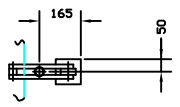
E-E (S=1:5)
SECTION E-E
DRAWING OF LEVELING BLOCK
■1 PLACES

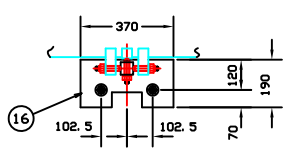


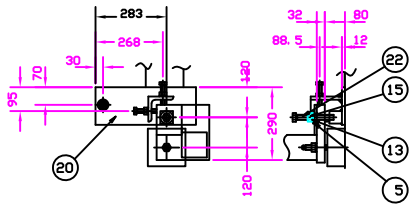
D-D (S=1:5)
SECTION D-D
DRAWING OF LEVELING BLOCK
■10 PLACES

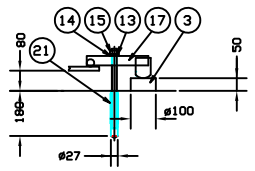


F-F (S=1:5)
SECTION F-F
DRAWING OF JACK BOLT
□8 PLACES

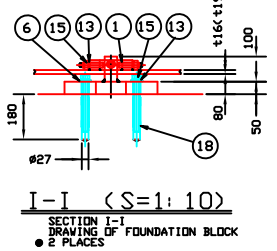




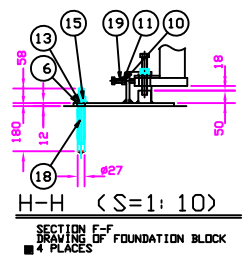




J-J (S=1:10)
SECTION J-J
DRAWING OF FOUNDATION BLOCK
■4 PLACES

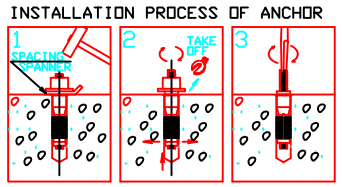


I-I (S=1:10)
SECTION I-I
DRAWING OF FOUNDATION BLOCK
● 2 PLACES



H-H (S=1:10)
SECTION F-F
DRAWING OF FOUNDATION BLOCK
■4 PLACES

INSTALLATION PROCESS OF ANCHOR



1 SET ANCHOR BOLT WITH SPACING SPANNER INTO ANCHOR HOLE DUG AS PRESCRIBED.
2 TIGHTEN THE NUT. LOOSEN IT A BIT UNTIL TORQUE COMES OUT. TIGHTEN IT AGAIN.AFTER TAKING OFF SPACING SPANNER, WHEN WASHER TOUCHES GROUND, TIGHTEN TORQUE 340N m~390N m
3 ADJUST BOLT DEPTH.

REMARKS:
1. FOUNDATION WORK FOR INSTALLATION.
2. FOUNDATION CONCRETE AND RUBBLE DEPTH MAY VARY SOMEWHAT WITH THE GROUND CONDITIONS. (※ DIMENSIONS)
3. FLOOR STRENGTH SHOULD BE GREATER THAN 8.5T/m²
4. IF USING REINFORCING ROD, PAY ATTENTION TO THE ANCHOR HOLE LOCATIONS FOR FOUNDATION STRENGTH.
5. PLEASE INSTALL THE MACHINE ONTO THE FLOOR EVEN WITHIN 5m/m. (0.2")
6. TAKE COUNTERMEASURES AGAINST VIBRATION FROM SURROUNDING EQUIPMENT.
7. JACK BOLTS, SEATING PLATES, ANCHOR BOLTS, AND LEVELING BLOCKS ARE STANDARD ACCESSORIES.
8. REMARKS ABOUT THE FOUNDATION BOLT HOLE MORTAR/CONCRETE

a)USE OF PRE MIX TYPE IS RECOMMENDED FOR THE FOUNDATION BOLT HOLES. (FOLLOW THE MANUFACTURERS INSTRUCTIONS.)

b)CLEAN DUST AND OIL FROM ALL HOLES.

c)MOISTEN THE INNER WALLS OF THE ANCHOR BOLT HOLES BEFORE MORTAR POURING. THIS IMPROVES TIGHT ATTACHMENT OF THE MORTAR.

d)WHEN PLACING THE MACHINE ONTO THE FLOOR, FIRST USE THE JACK BOLTS FOR LEVELING OF THE MACHINE. POUR CONCRETE INTO THE ANCHOR BOLT HOLES, AND EXECUTE RELEVELING WITH THE JACK BOLTS AFTER THE CONCRETE HAS HARDENED COMPLETELY.

TOYODA MACHINERY DOES NOT RECOMMEND THE APPLICATION OF PAINT OR SEALANTS TO THE FOUNDATIONS.

CERTIFIED CONTROLLED

SYMBOL	REVISION	SECT. ICH No	DATE	BY	MKT No
MACHINE No	MACHINE NAME>	CUSTOMER>			
XXXXXX	HORIZ. MACHINE CENTER	ALL			
CUSTOMER MC No	MACH. FOUNDATION FA1050	DRAWING FOR>			
		FINAL			
APPROVED	CHECKED	DESIGNED	DRAWN		CONTENTS>
			K.K. 04.01.05	SELECTION METHOD	
				SCALE> 1:20	
TOYODA MACHINERY USA CORP.				DRAWING No	U08-03050002-0

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REF: NM9394, 9395 FH100II 1:20