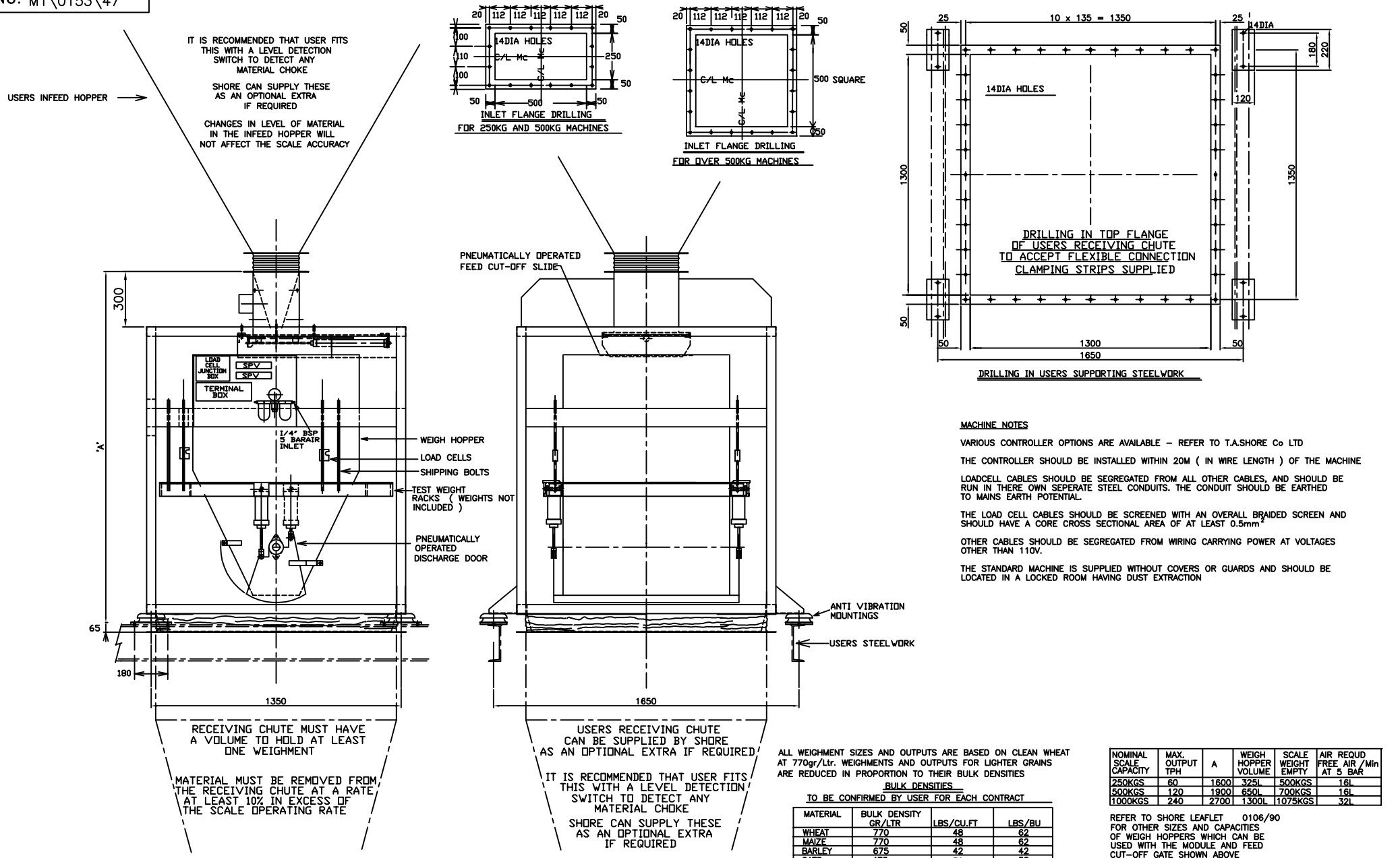
Drg. No. M1\0153\47



MACHINE NOTES

VARIOUS CONTROLLER OPTIONS ARE AVAILABLE – REFER TO T.A.SHORE Co LTD

THE CONTROLLER SHOULD BE INSTALLED WITHIN 20M (IN WIRE LENGTH) OF THE MACHINE

LOADCELL CABLES SHOULD BE SEGREGATED FROM ALL OTHER CABLES, AND SHOULD BE RUN IN THERE OWN SEPERATE STEEL CONDUITS. THE CONDUIT SHOULD BE EARTHED TO MAINS EARTH POTENTIAL.

THE LOAD CELL CABLES SHOULD BE SCREENED WITH AN OVERALL BRAIDED SCREEN AND SHOULD HAVE A CORE CROSS SECTIONAL AREA OF AT LEAST 0.5mm²

OTHER CABLES SHOULD BE SEGREGATED FROM WIRING CARRYING POWER AT VOLTAGES OTHER THAN 110V.

THE STANDARD MACHINE IS SUPPLIED WITHOUT COVERS OR GUARDS AND SHOULD BE LOCATED IN A LOCKED ROOM HAVING DUST EXTRACTION

ALL WEIGHMENT SIZES AND OUTPUTS ARE BASED ON CLEAN WHEAT AT 770gr/Ltr. WEIGHMENTS AND OUTPUTS FOR LIGHTER GRAINS ARE REDUCED IN PROPORTION TO THEIR BULK DENSITIES

BULK DENSITIES

TO BE CONFIRMED BY USER FOR EACH CONTRACT

MATERIAL	BULK DENSITY GR/LTR	LBS/CU.FT	LBS/BU
WHEAT	770	48	62
MAIZE	770	48	62
BARLEY	675	42	42
OATS	475	30	38
MALT	500	32	42

NOMINAL SCALE CAPACITY	MAX. OUTPUT TPH	A	WEIGH HOPPER VOLUME	SCALE WEIGHT EMPTY	AIR REQUD FREE AIR /Min AT 5 BAR
250KGS	60	1600	325L	500KGS	16L
500KGS	120	1900	650L	700KGS	16L
1000KGS	240	2700	1300L	1075KGS	32L

REFER TO SHORE LEAFLET 0106/90 FOR OTHER SIZES AND CAPACITIES OF WEIGH HOPPERS WHICH CAN BE USED WITH THE MODULE AND FEED CUT-OFF GATE SHOWN ABOVE

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MACHINES TO BE PLACED ON NON MOVING SUPPORTS WITH ALLOWABLE VIBRATION:
MAX. AMPLITUDE 0.25 mm. MIN. FREQUENCY 0.5 Hz
ALLOWABLE INSIDE TEMPERATURE +5 DEGREES C TO + 40 DEGREES C.
ALLOWABLE OUTSIDE TEMPERATURE -10 DEGREES C TO + 40 DEGREES C.
ALLOWABLE STORAGE TEMPERATURE -25 DEGREES C TO + 40 DEGREES C.
HUMIDITY NOT TO EXCEED 95% RH NON-CONDENSING.
MACHINERY AND CONTROLS INSIDE NOT TO BE EXPOSED TO WATER, RAIN, SNOW OR AIR MOVEMENT, ALSO VACUUM & PRESSURE.
MICROPROCESSOR ROOM, ALLOWABLE TEMPERATURE + 10 DEGREES C TO +35 DEGREES C. HUMIDITY 40% TO 80% NON CONDENSING, DUST FREE WITH CLEAN AIR VENTS AND ANTI-STATIC SURROUNDINGS. MICROPROCESSOR ROOM TO HAVE POSITIVE PRESSURE.
ELECTRICITY SUPPLY SHOULD BE NON-VARYING WITHOUT PEAKS, SPIKES, OR TRANSIENTS, AND ALL BUYER'S RELAYS AND CONTACTORS OR STARTERS CLOSE TO THE TASCOL CONTROLS AND THE MICROPROCESSOR SHOULD BE FITTED WITH SUPPRESSORS TO AVOID TRANSMISSION OF ELECTRICAL NOISE.
EARTHING, THE EARTH MUST BE CHECKED AND APPROVED BY THE ELECTRICAL SUPPLY AUTHORITY BEFORE COMMISSIONING.
FACTORY ENVIRONMENT MUST CONFORM TO 89/336/EEC BEING THE LEGAL REQUIREMENT WITHIN EUROPE AND EN 50081-2 ELECTROMAGNETIC COMPATIBILITY GENERIC IMMUNITY STANDARDS.
RATE OF CHANGE OF AMBIENT TEMPERATURES SHOULD NOT EXCEED 10 DEGREES C PER HOUR
MACHINES, CONTROLS AND MICROPROCESSORS SHOULD NOT BE EXPOSED TO RADIO TRANSMISSIONS ABOVE 10 V/M.
CLIENTS AIR SUPPLY FOR MACHINERY SHOULD BE CLEAN, DRY, MIST LUBRICATED WITH A FILTER (MAX ELEMENT RATING 20 MICRONS).
FOR AERATION AND CONVEYING, CLIENTS AIR SHOULD BE DRY, CLEAN, FILTERED AND NOT LUBRICATED.
CLIENTS WILL PREVENT ANY UPSTREAM OR DOWNSTREAM PROCESS VAPOURS WHICH WILL HAVE ANY DETRIMENTAL EFFECT ON THE EQUIPMENT OR MATERIALS BEING WEIGHED FROM REACHING THE EQUIPMENT OR MATERIALS.

NOTE:
INTERCHANGEABILITY WITH M3-0153-48 TO BE MAINTAINED

REV	3
DATE	12/98
NAME	SCR

PUT INTO AUTO CAD AND INLET ALTERED TO THE STANDARD W DIMENSIONS WITH THE CHANGING

REV	0
DATE	12/98
NAME	SCR

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CUSTOMER: STANDARD

T.A.SHORE.Co Ltd. NOTTINGHAM ENGLAND

TITLE: INTAKE AND OUTLOADING SCALE

SCALE: 1:10

Drg. No. M1\0153\47
ALSO ON M3\0153\48

SHEET: 1/1