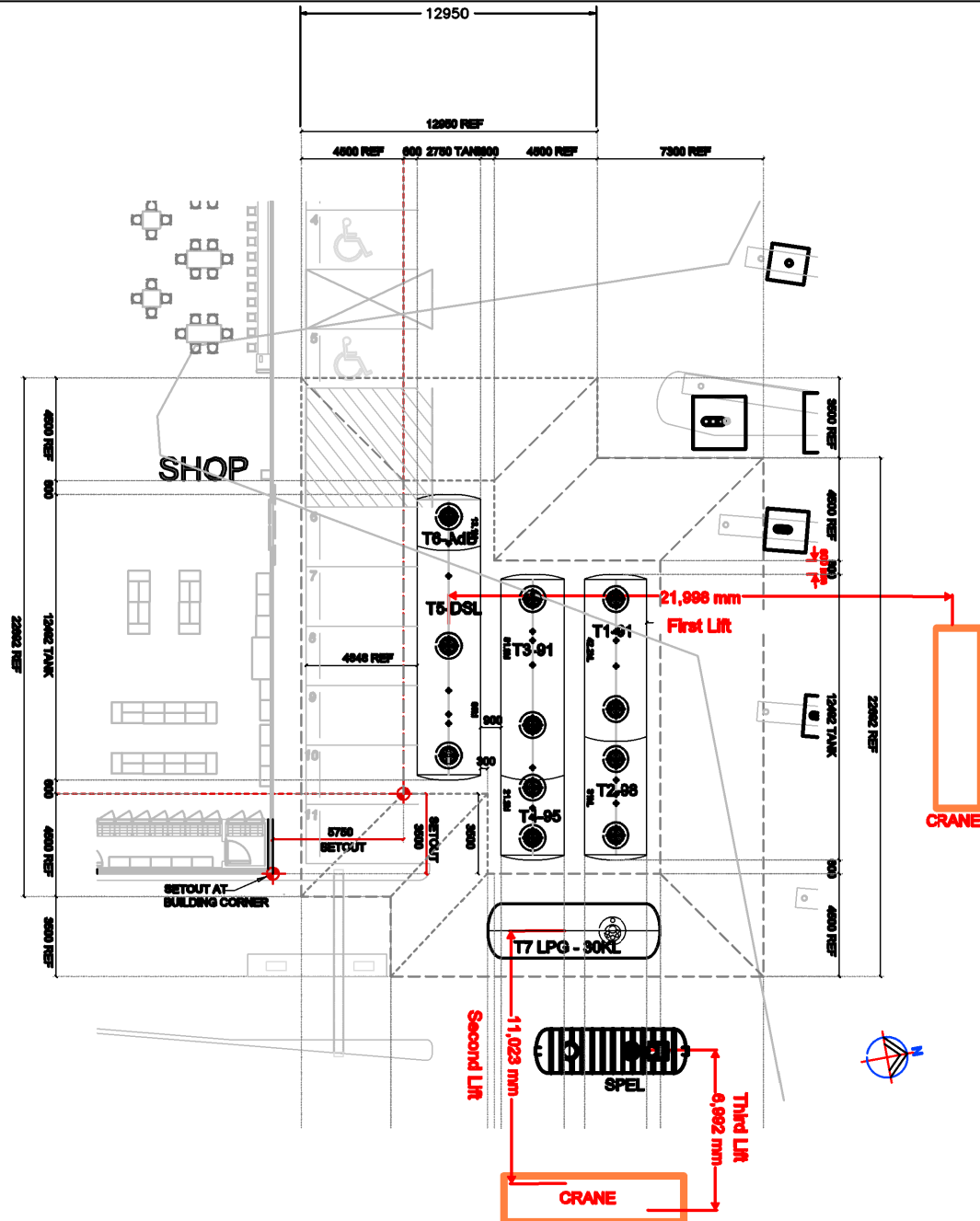


CRANE DETAILS - SINGLE CRANE LIFT			
MAKE	TADANO/DEMAG		
MODEL	AC160-5		
CRANE MRC	160	t	
LMI CODE	LK20		
CONFIGURATION	HA		
COUNTERWEIGHT	23.8	t	
MAIN BOOM LENGTH	24.7	m	
MAIN BOOM CONFIG.	0,0,0,45,90	%	
JIB TYPE / OFFSET	NOT FITTED	*	
JIB LENGTH	-	m	
MAIN / AUX. HOOK?	MAIN		
DEM CHART WIND SPEED	11.1	m/sec	
LOAD DETAILS			
MAX. LOAD SHARE	7000	kg	
CRANE COMPONENTS	650	kg	
RIGGING	100	kg	
TOTAL LIFT WEIGHT	7750	kg	
LIFT DETAILS			
MAXIMUM LIFT RADIUS	22	m	
SWL AT MAX. RADIUS	11000	kg	
UTILISATION	70.5	%	
SPARE CAPACITY	3250	kg	
REEVING CHECK			
LINE PULL	9900	kg	
No. OF PARTS	4		
FACTORED LINE PULL	39600	kg	
LOAD TO HOOK	7750	kg	
REEVING UTILISATION	19.9	%	
GROUND BEARING PRESSURES (MAXIMUM)			
OUTRIGGER PAD SIZE	1.2	x	1.0
OUTRIGGER PAD AREA	1.2	m ²	
OUTRIGGER PAD WEIGHT	0.1	t	
MAXIMUM JACK FORCE	83.0	t	
TOTAL DOWN FORCE	83.1	t	
PRESSURE UNDER PAD	69.3	t/m ²	
PRESSURE UNDER PAD	679.3	kPa	



DISCLAIMER:
 THE INFORMATION DISPLAYED/DRAWN IN THIS DOCUMENT IS BASED ON INFORMATION PROVIDED BY THE NAMED CLIENT AND OR NAMED PERSON NO LIFT OR PROCEDURE SHOULD BE CARRIED OUT WITHOUT THE OPERATOR FIRST CONSULTING WITH THE OEM LOAD CHART/MANUAL AND DETERMINING SUITABILITY
 IT IS ASSUMED THAT ALL OVERHEAD & UNDERGROUND HAZARDS HAVE BEEN IDENTIFIED AND MANAGED APPROPRIATELY
 IT IS ASSUMED THAT THE GROUND OR OTHER SUPPORTING STRUCTURE IS LEVEL AND SUFFICIENT FOR THE CRANE & LOAD UNDER ALL OPERATING CONDITIONS
 THIS DOCUMENT IS A GUIDE ONLY. THE CRANE OPERATOR MUST DETERMINE THE MOST SUITABLE CONFIGURATION FOR THE PROPOSED LIFT



CLIENT NAME:	CRANE TYPE:	CREATED BY:	DATE:
LOVEGROVE	SLEWING	ANDRE BUCCI	09/07/21
LIFT DESCRIPTION:	LIFT TYPE:	ATTACHED DOCS:	SCALE:
7T TANK	SINGLE CRANE		N/A