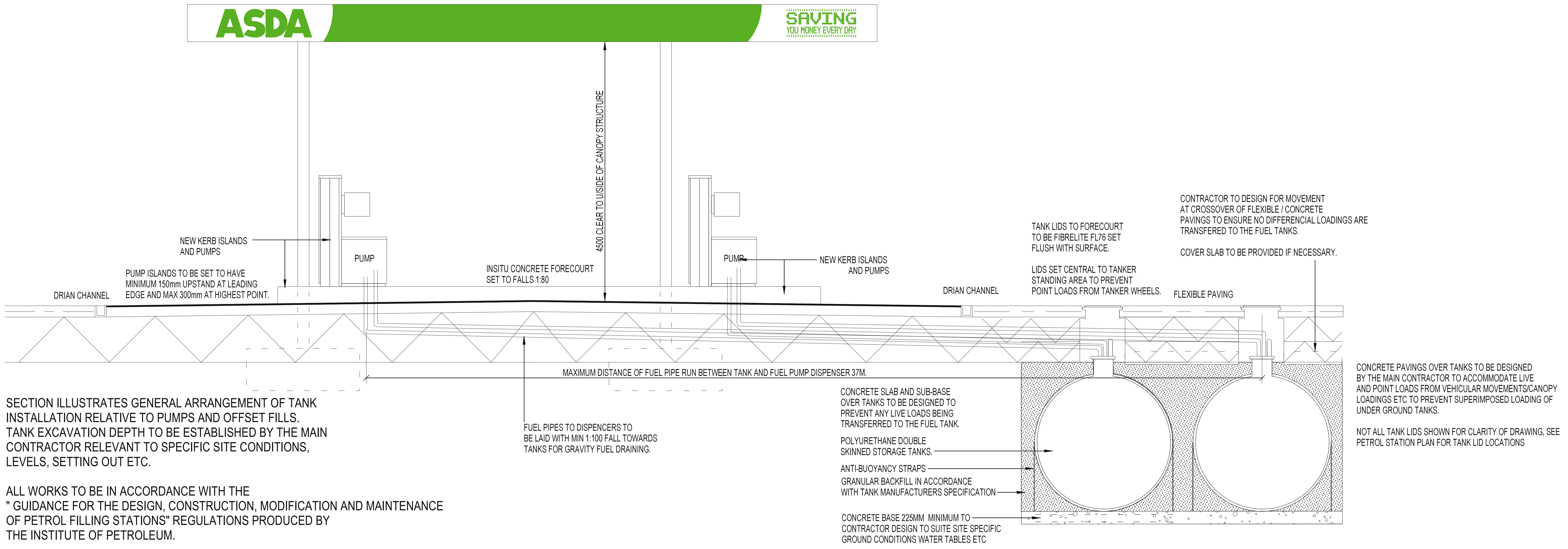
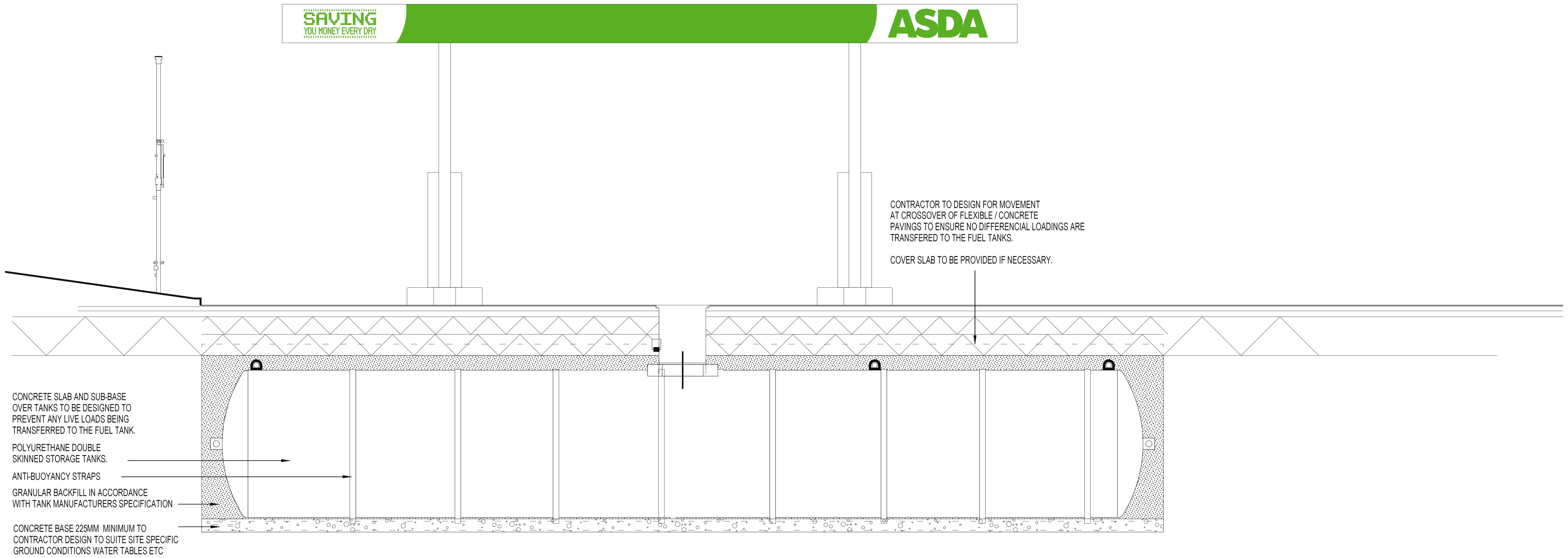

ASDA
SAVING
YOU MONEY EVERY DAY
4500 CLEAR TO U/SIDE OF CANOPY STRUCTURE
NEW KERB ISLANDS AND PUMPS
PUMP ISLANDS TO BE SET TO HAVE MINIMUM 150mm UPSTAND AT LEADING EDGE AND MAX 300mm AT HIGHEST POINT.
DRIAN CHANNEL
PUMP
INSITU CONCRETE FORECOURT SET TO FALLS 1:80
PUMP
NEW KERB ISLANDS AND PUMPS
DRIAN CHANNEL
TANK LIDS TO FORECOURT TO BE FIBRELITE FL76 SET FLUSH WITH SURFACE.
LIDS SET CENTRAL TO TANKER STANDING AREA TO PREVENT POINT LOADS FROM TANKER WHEELS.
FLEXIBLE PAVING
CONTRACTOR TO DESIGN FOR MOVEMENT AT CROSSOVER OF FLEXIBLE / CONCRETE PAVINGS TO ENSURE NO DIFFERENCIAL LOADINGS ARE TRANSFERED TO THE FUEL TANKS.
COVER SLAB TO BE PROVIDED IF NECESSARY.
MAXIMUM DISTANCE OF FUEL PIPE RUN BETWEEN TANK AND FUEL PUMP DISPENSER 37M.
FUEL PIPES TO DISPENCERS TO BE LAID WITH MIN 1:100 FALL TOWARDS TANKS FOR GRAVITY FUEL DRAINING.
CONCRETE SLAB AND SUB-BASE OVER TANKS TO BE DESIGNED TO PREVENT ANY LIVE LOADS BEING TRANSFERRED TO THE FUEL TANK.
POLYURETHANE DOUBLE SKINNED STORAGE TANKS.
ANTI-BUOYANCY STRAPS
GRANULAR BACKFILL IN ACCORDANCE WITH TANK MANUFACTURERS SPECIFICATION
CONCRETE BASE 225MM MINIMUM TO CONTRACTOR DESIGN TO SUITE SITE SPECIFIC GROUND CONDITIONS WATER TABLES ETC
CONCRETE PAVINGS OVER TANKS TO BE DESIGNED BY THE MAIN CONTRACTOR TO ACCOMMODATE LIVE AND POINT LOADS FROM VEHICULAR MOVEMENTS/CANOPY LOADINGS ETC TO PREVENT SUPERIMPOSED LOADING OF UNDER GROUND TANKS.
NOT ALL TANK LIDS SHOWN FOR CLARITY OF DRAWING, SEE PETROL STATION PLAN FOR TANK LID LOCATIONS

SECTION ILLUSTRATES GENERAL ARRANGEMENT OF TANK INSTALLATION RELATIVE TO PUMPS AND OFFSET FILLS. TANK EXCAVATION DEPTH TO BE ESTABLISHED BY THE MAIN CONTRACTOR RELEVANT TO SPECIFIC SITE CONDITIONS, LEVELS, SETTING OUT ETC.

ALL WORKS TO BE IN ACCORDANCE WITH THE " GUIDANCE FOR THE DESIGN, CONSTRUCTION, MODIFICATION AND MAINTENANCE OF PETROL FILLING STATIONS" REGULATIONS PRODUCED BY THE INSTITUTE OF PETROLEUM.

ALL WORKS TO BE AGREED WITH THE LOCAL PETROLEUM OFFICER PRIOR TO SITE APPLICATION.

CROSS SECTION THROUGH TANKS /FORECOURT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ASDA
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CONCRETE BASE 225MM MINIMUM TO CONTRACTOR DESIGN TO SUITE SITE SPECIFIC GROUND CONDITIONS WATER TABLES ETC

LONGITUDINAL SECTION THROUGH TANKS / FORECOURT ELEVATION

TYPICAL TANK INSTALLATION DETAILS 1:50

NOTES

Check all dimensions on site
Do not scale from this drawing
Report any discrepancies and omissions to HLM Architects
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REVISIONS

title

Proposed Forecourt Sections

drawing no
A1313 /WL(PA)06

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1:50	ADS	*
date	checked	
08/04/2013	*	
	date plotted	
	Fri Apr 26 12:23:56 2013	

project

Proposed Four Pump Fully Automated Petrol Filling Station

client

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client

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