

**SCHEME DRAWING
ALL DIMENSIONS AND
DETAILS TO BE VERIFIED**

PROPOSED DRAINAGE MODIFICATIONS
1:400

INDICATE SCALES USED

1:5	0 0.5 1
1:15	0 1.5 3
1:25	0 2.5 5
1:75	0 2 4 6 8
1:400	0 40 80
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

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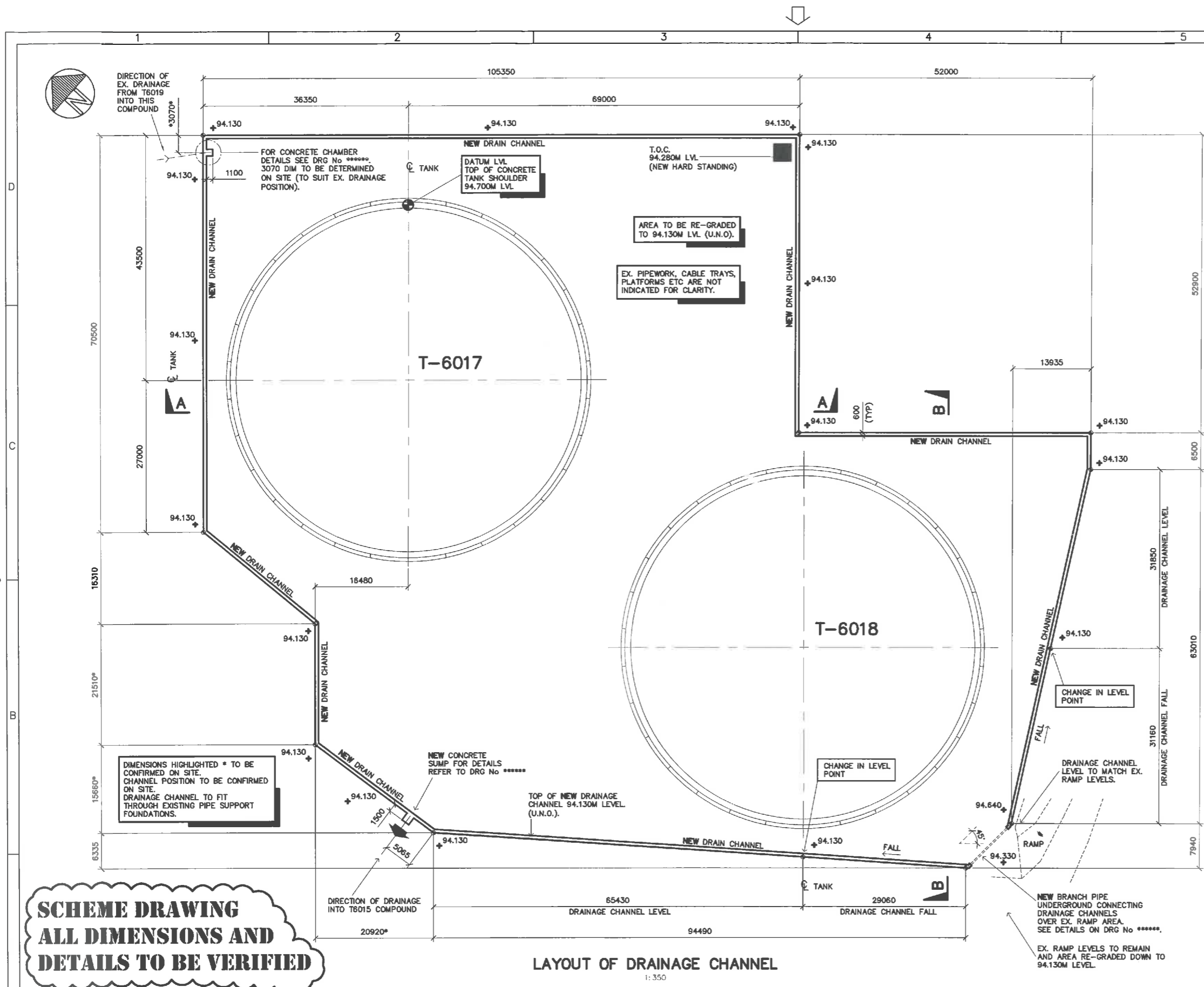
REV	DATE	DESCRIPTION	BY	CHECK	APPROVED							
-2	09.10.23	RE-ISSUED FOR COMMENT	PF									
-1	24.02.23	ISSUED FOR COMMENT	PF									
			PAN	C	E	I	M	N.SMITH.	ENGINEER	ENG.D.O.	REC	TIME No.
			4		D.O. CHECK							

DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT	UNIT
TAG	TRANMERE BUND
	TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
DRAWN	P.FORSTER
DOCUMENT No.	00880285S000 P0000
REV:	-2

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

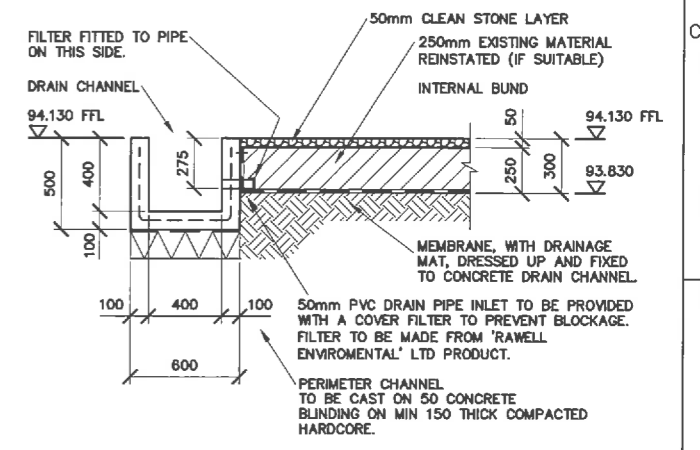
A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]

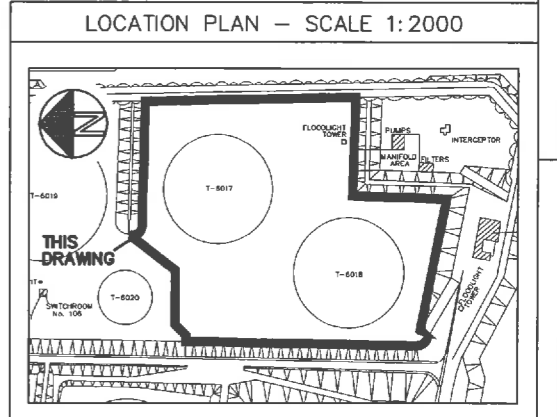


- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES
 2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM NEWLYN AND RELATE TO A TBM WHICH IS SITUATED ON THE TOP OF CONCRETE TANK SHOULDER T6017 AND HAS A VALUE OF 94.700m.
 3. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ENGINEERING TECHNICAL SPECIFICATIONS E.T.S 203 - 219.
 4. MINIMUM GRADE OF STRUCTURAL CONCRETE SHALL BE C40 (SEVERE CONDITIONS OF EXPOSURE) IN ACCORDANCE WITH TABLE 3.4 OF BS.8110 : PART 1 : 1995
 5. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 40mm.
 6. STEEL REINF. SHALL BE IN ACCORDANCE WITH BS.4449
 7. BAR BENDING SHALL BE IN ACCORDANCE WITH BS.8666 : 2005
 8. THE CIVIL CONTRACTOR SHALL SITE CHECK ALL RELEVANT DIMENSIONS & LEVELS PRIOR TO CONSTRUCTION & WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL WORK & THE CORRECT SETTING OUT OF THE WORK ON SITE.

DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT
 SEARCH REFERENCE No. 23/00*
CAUTION - THIS DOES NOT ENSURE THAT ALL SERVICES HAVE BEEN IDENTIFIED
 SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

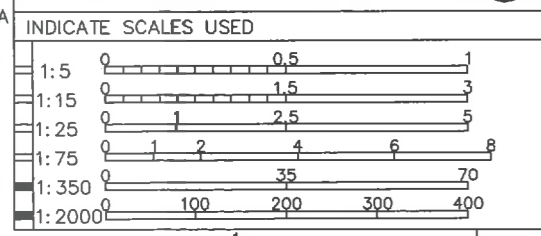


TYPICAL SECTION THRO' PERIMETER CHANNEL (U.N.O)
 GROUND BENEATH PERIMETER CHANNEL TO BE COMPACTED TO ENSURE MINIMUM BEARING CAPACITY OF 50 kN/m² TO THE APPROVAL OF THE ESSAR (OIL) UK LTD CIVIL CONSTRUCTION ENGINEER ON SITE



**SCHEME DRAWING
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LAYOUT OF DRAINAGE CHANNEL
 1: 350



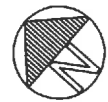
- REFERENCE DRAWINGS**
- ***** - TANK T6017 & T6018 - PROPOSED COMPOUND PLAN
 - ***** - TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
 - ***** - TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
 - ***** - TANK T6017 & T6018 - EX. PLAN
 - ***** - TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
 - ***** - TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F
 - ***** - TANK T6017 & T6018 - DRAINAGE CHANNEL/ PIPE CONNECTION

REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENGINEER	ENGD.O.	REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH			

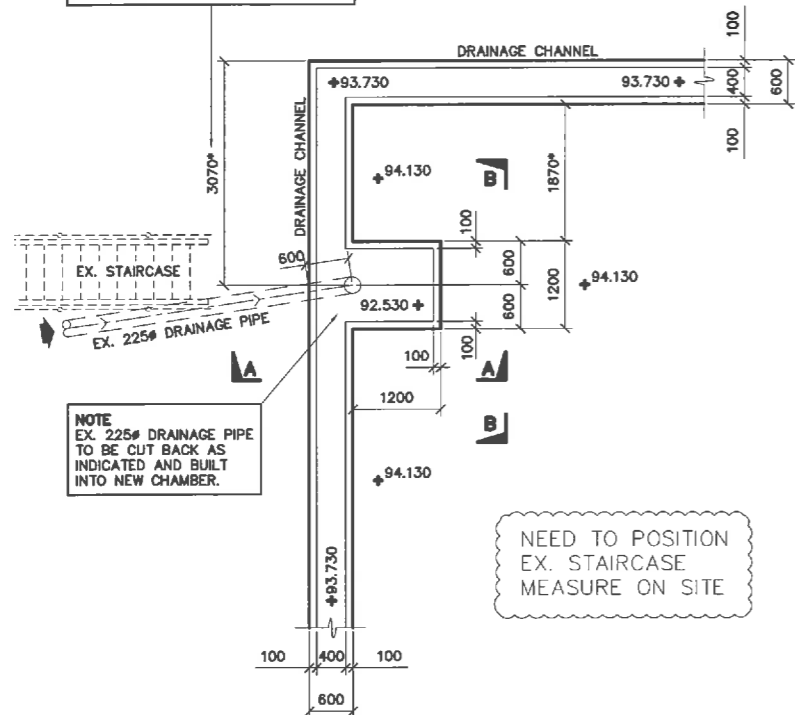
Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT	UNIT
TAG	TRANMERE BUND
	TANK T6017 & T6018 - NEW DRAINAGE CHANNEL
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

AutoCAD [Civil A1 Standard]



DIMENSIONS HIGHLIGHTED * TO BE CONFIRMED ON SITE. CHANNEL POSITION TO BE CONFIRMED ON SITE.



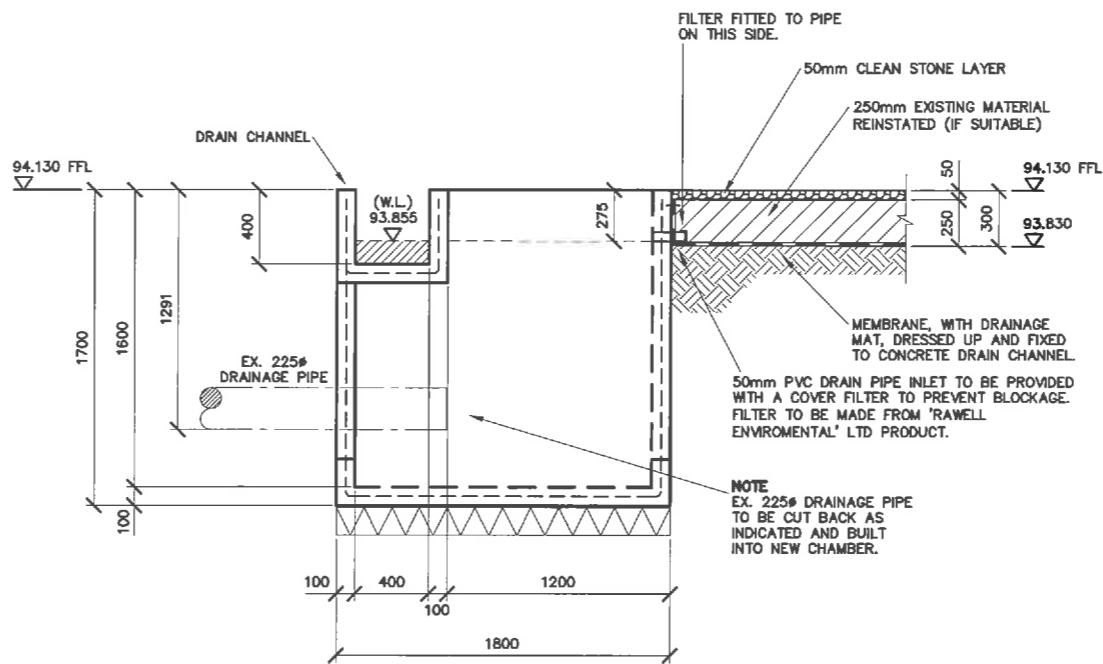
NOTE
EX. 225# DRAINAGE PIPE TO BE CUT BACK AS INDICATED AND BUILT INTO NEW CHAMBER.

NEED TO POSITION EX. STAIRCASE MEASURE ON SITE

CONCRETE CHAMBER/ DRAINAGE CHANNEL

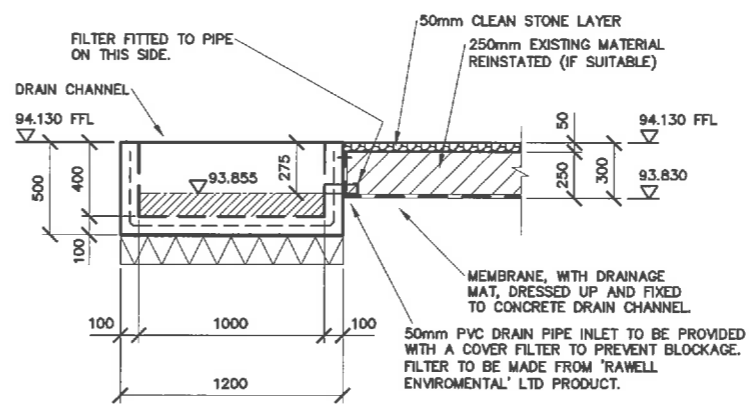
1:50

GROUND BENEATH PERIMETER CHANNEL/CHAMBER TO BE COMPACTED TO ENSURE MINIMUM BEARING CAPACITY OF 50 kN/m² TO THE APPROVAL OF THE ESSAR (OIL) UK LTD CIVIL CONSTRUCTION ENGINEER ON SITE



SECTION ON A-A

1:20



SECTION ON B-B

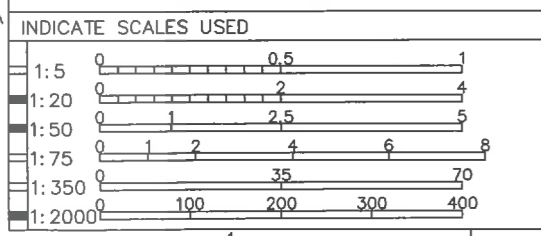
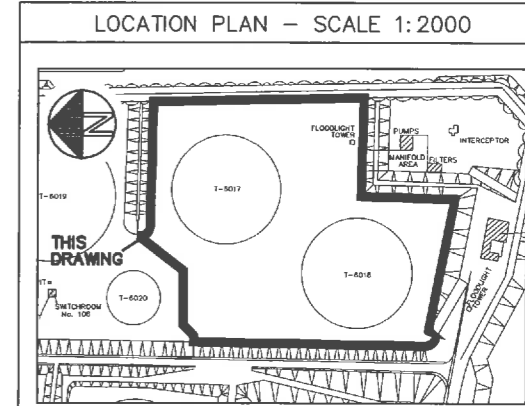
1:20

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM NEWLYN AND RELATE TO A TBM WHICH IS SITUATED ON THE TOP OF CONCRETE TANK SHOULDER T6017 AND HAS A VALUE OF 94.700m. (SEE DRG No ***** FOR LOCATION).
3. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ENGINEERING TECHNICAL SPECIFICATIONS E.T.S 203 - 219.
4. MINIMUM GRADE OF STRUCTURAL CONCRETE SHALL BE C40 (SEVERE CONDITIONS OF EXPOSURE) IN ACCORDANCE WITH TABLE 3.4 OF BS.8110 : PART 1 : 1985
5. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 40mm.
6. STEEL REINF. SHALL BE IN ACCORDANCE WITH BS.4449
7. BAR BENDING SHALL BE IN ACCORDANCE WITH BS.8666 : 2005
8. THE CIVIL CONTRACTOR SHALL SITE CHECK ALL RELEVANT DIMENSIONS & LEVELS PRIOR TO CONSTRUCTION & WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL WORK & THE CORRECT SETTING OUT OF THE WORK ON SITE.

DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT
SEARCH REFERENCE No. 23/00*
CAUTION - THIS DOES NOT ENSURE THAT ALL SERVICES HAVE BEEN IDENTIFIED
SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

SCHEME DRAWING ALL DIMENSIONS AND DETAILS TO BE VERIFIED



REFERENCE DRAWINGS

*****	- TANK T6017 & T6018 - PROPOSED COMPOUND PLAN
*****	- TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
*****	- TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
*****	- TANK T6017 & T6018 - EX. PLAN
*****	- TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
*****	- TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F

REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENGINEER	ENGD.O. REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.		

Essar Oil (UK) Ltd, Stanlow

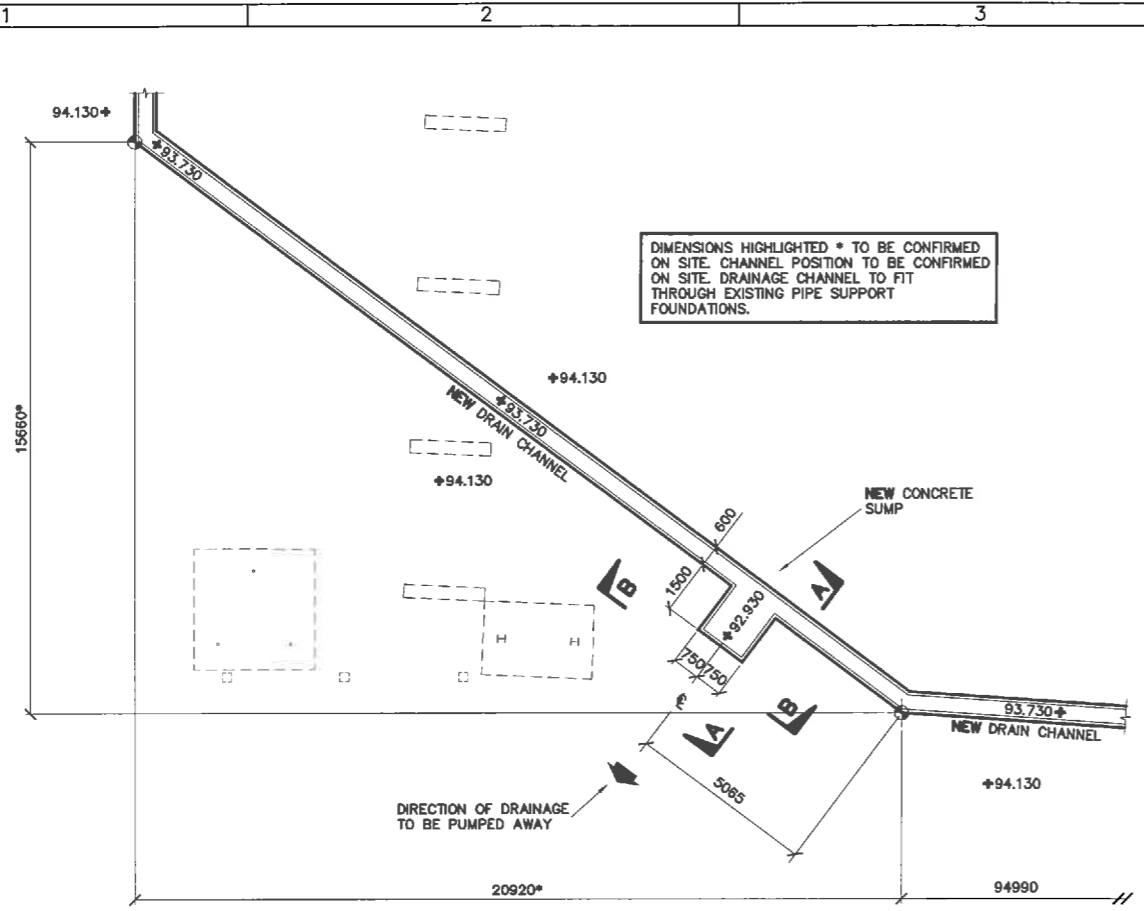
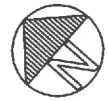
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PLANT	UNIT
TAG	
TRANMERE BUND	
TANK T6017 & T6018 - NEW CONCRETE CHAMBER	
DOCUMENT No.	00*****S000 P00000
REV:	-1

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]



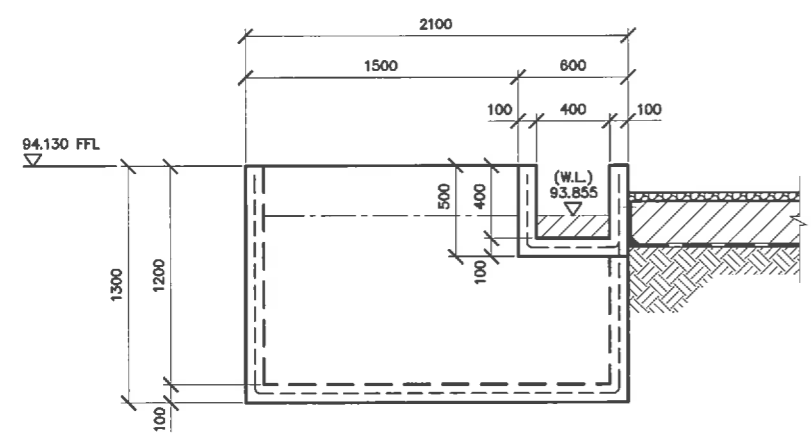
CONCRETE SUMP/ DRAINAGE CHANNEL
1:100

GROUND BENEATH PERIMETER CHANNEL/SUMP TO BE COMPACTED TO ENSURE MINIMUM BEARING CAPACITY OF 50 kN/m² TO THE APPROVAL OF THE ESSAR (OIL) UK LTD CIVIL CONSTRUCTION ENGINEER ON SITE

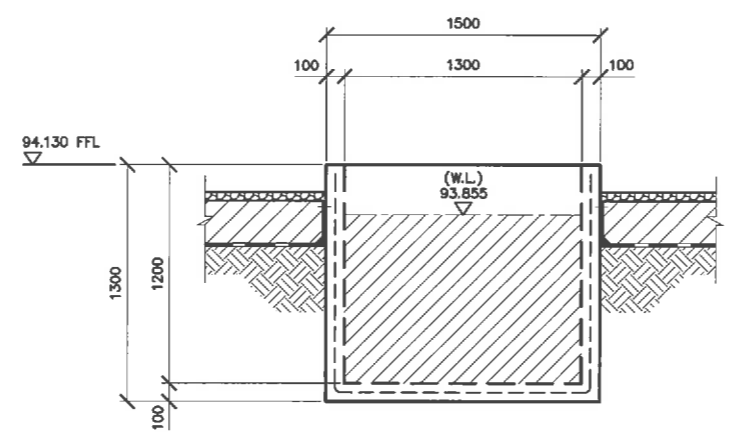
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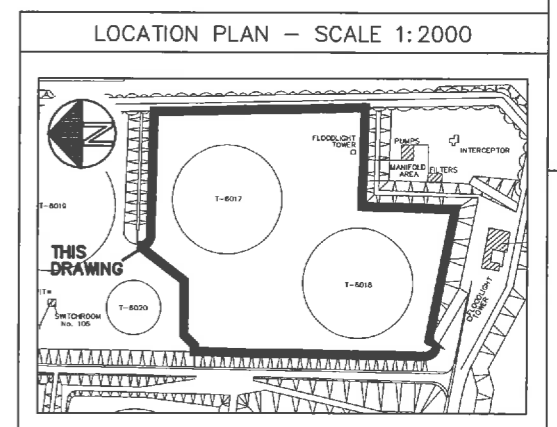
**SCHEME DRAWING
ALL DIMENSIONS AND
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SECTION A-A
1:20



SECTION B-B
1:20



INDICATE SCALES USED

1:5	0	0.5	1
1:20	0	2	4
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1:2000	0	100	200 300 400

REFERENCE DRAWINGS

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-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.		

Essar Oil (UK) Ltd, Stanlow

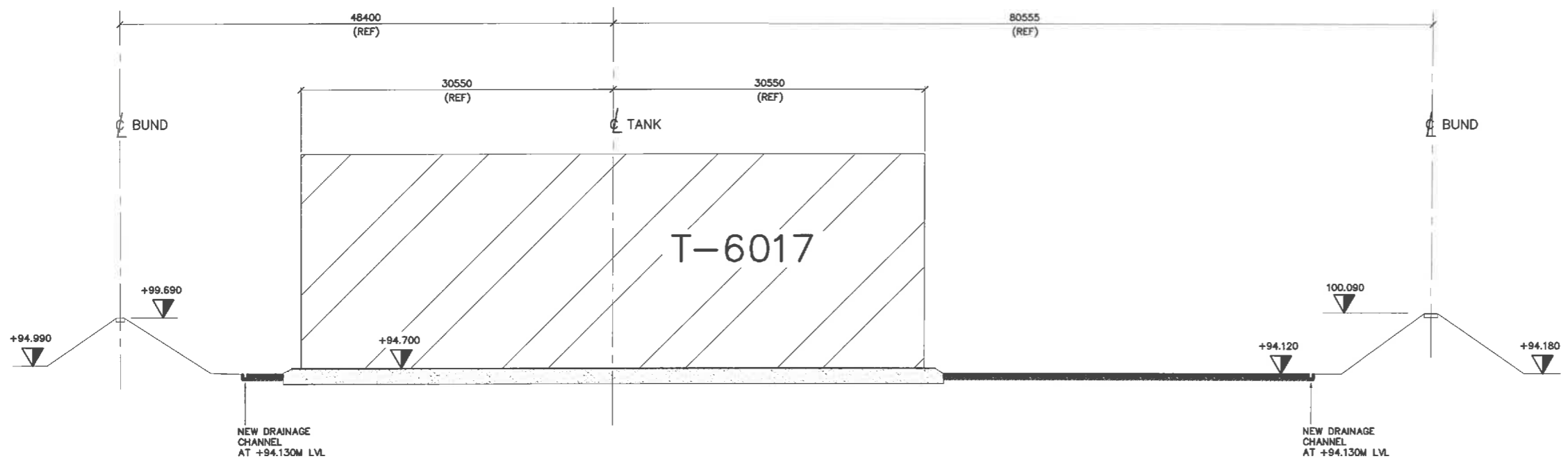
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AREA	TRA	UNIT
PLANT		
TAG	TRANMERE BUND	
	TANK T6017 & T6018 - NEW CONCRETE SUMP	
DRAWN	P.FORSTER	DOCUMENT No.
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AutoCAD [Civil A1 Standard]

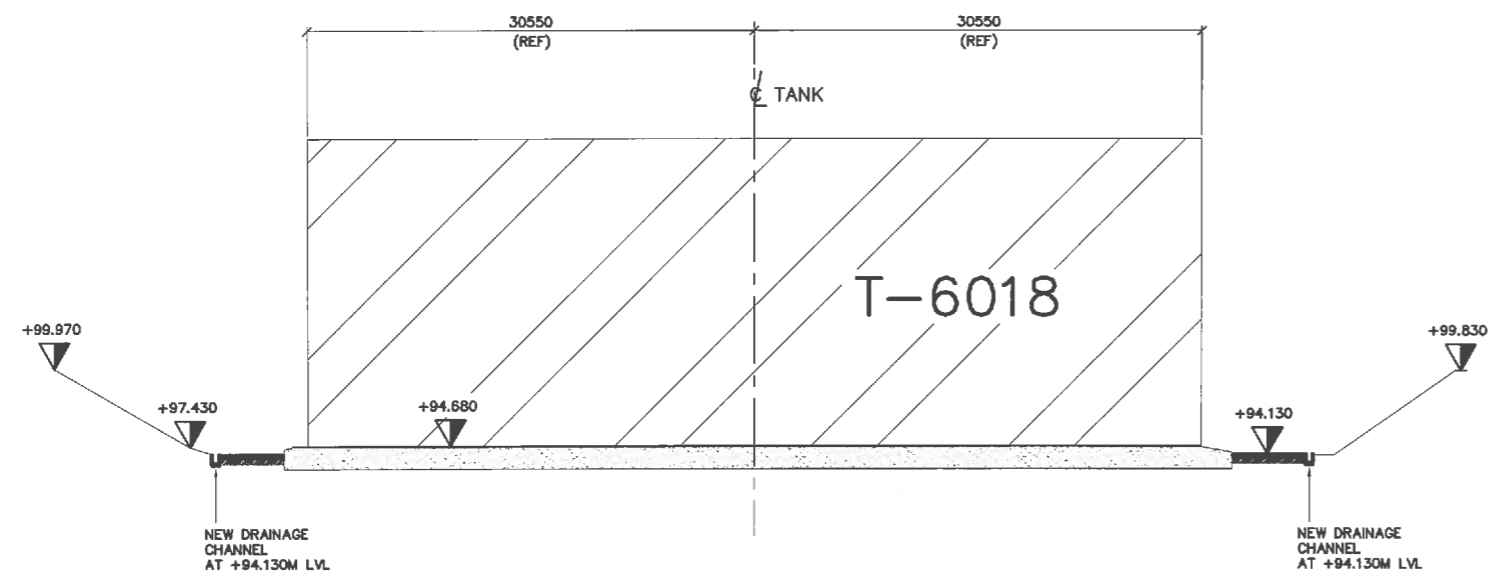
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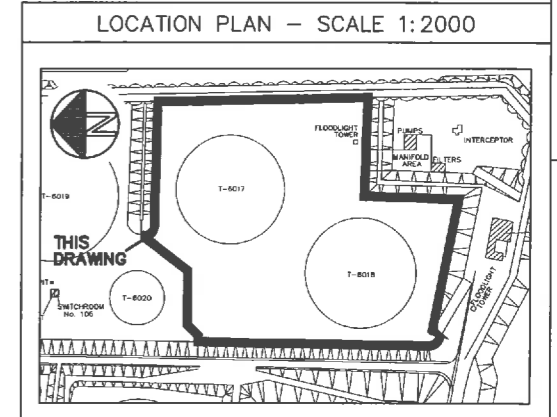


SECTIONAL ELEVATION A-A
1:250



SECTIONAL ELEVATION B-B
1:250

**SCHEME DRAWING
 ALL DIMENSIONS AND
 DETAILS TO BE VERIFIED**



INDICATE SCALES USED

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1:15	0 1.5 3
1:25	0 2.5 5
1:75	0 4 6 8
1:250	0 25 50
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

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*****	- TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F

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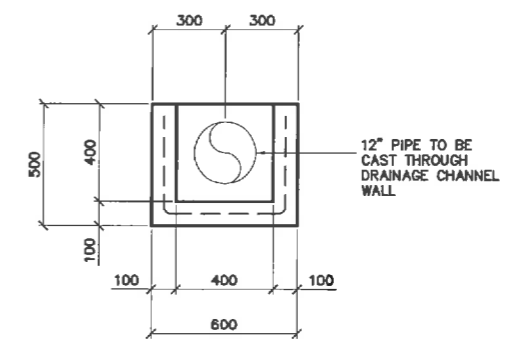
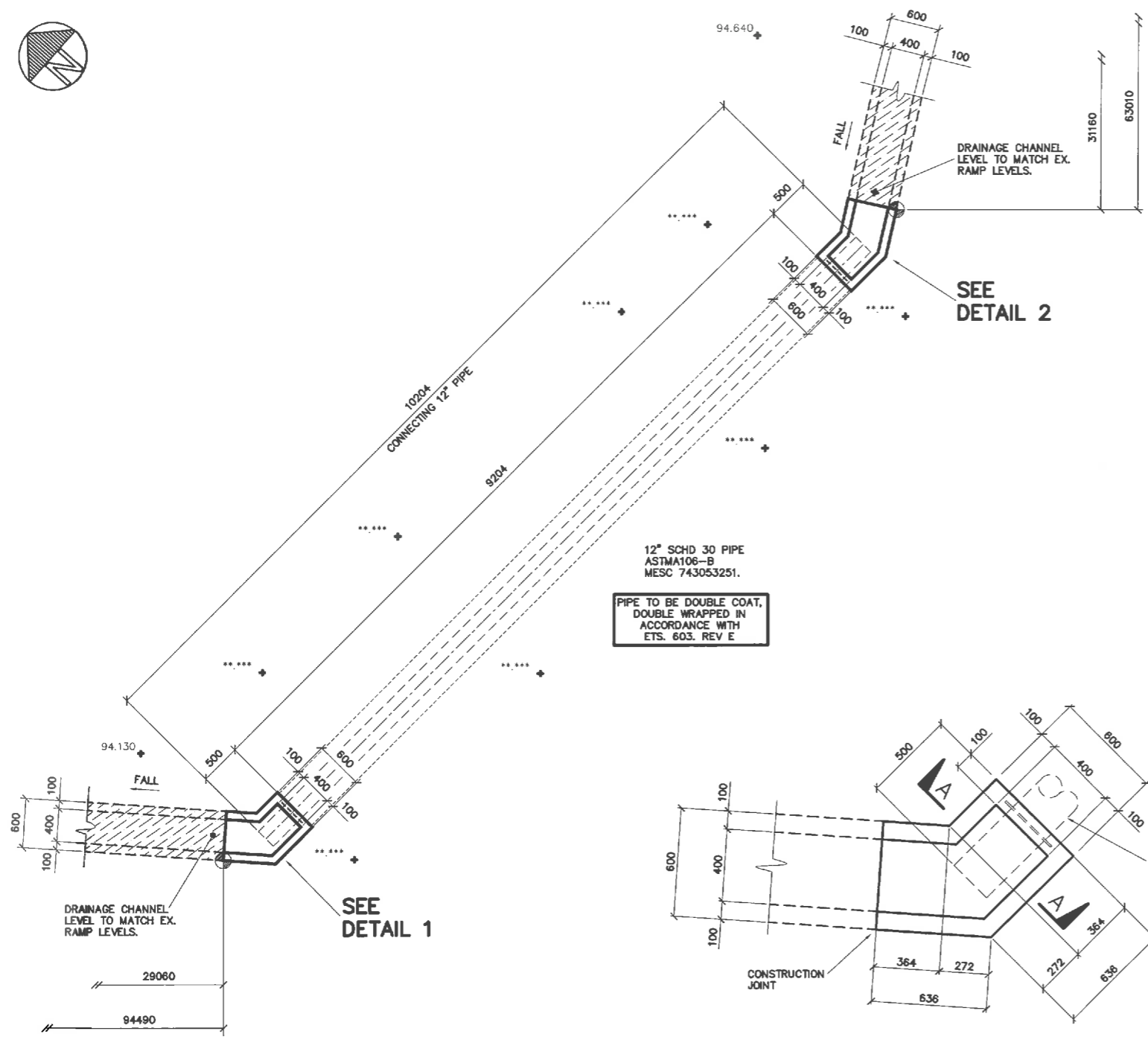
Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING	
AREA	TRA	UNIT
PLANT	TRANMERE BUND	
TAG	TANK T6017 & T6018 - SECTIONS	
DRAWN	P.FORSTER	DOCUMENT No. 00*****S000 P00000
APPROVED		REV: -1

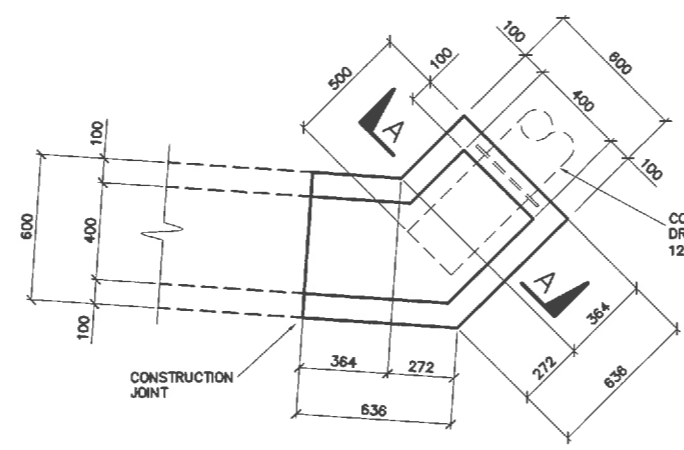
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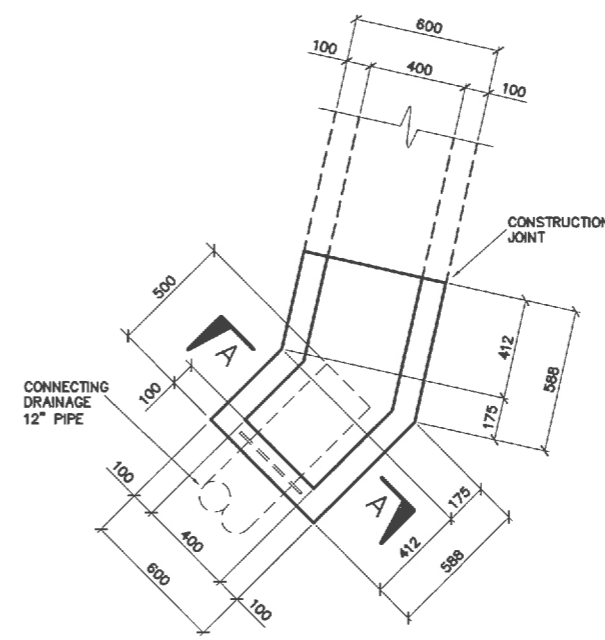
**SCHEME DRAWING
 ALL DIMENSIONS AND
 DETAILS TO BE VERIFIED**



PIPE TO BE DOUBLE COAT,
 DOUBLE WRAPPED IN
 ACCORDANCE WITH
 E.T.S. 603. REV E

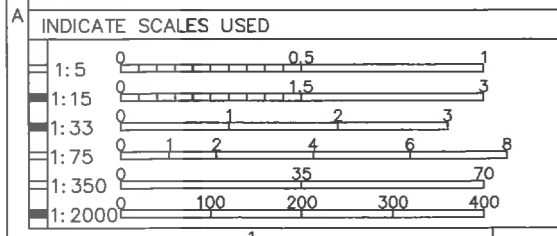
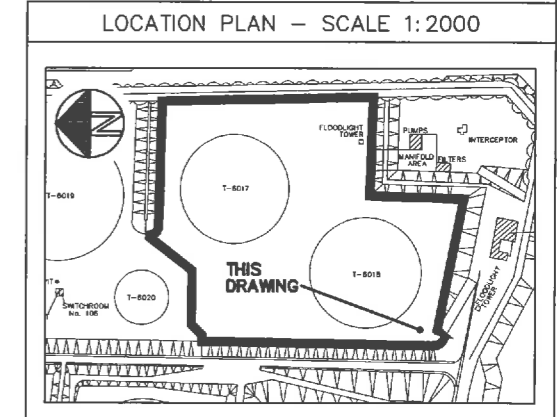


DETAIL 1
1:15



DETAIL 2
1:15

DRAINAGE CHANNEL/ PIPE CONNECTION PLAN
1:33



- REFERENCE DRAWINGS**
- ***** - TANK T6017 & T6018 - PROPOSED COMPOUND PLAN
 - ***** - TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
 - ***** - TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
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 - ***** - TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
 - ***** - TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F

REV	DATE	DESCRIPTION	BY	PAN	No	C	E	I	M	ENGINEER	ENGD.O.	REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF							N.SMITH			

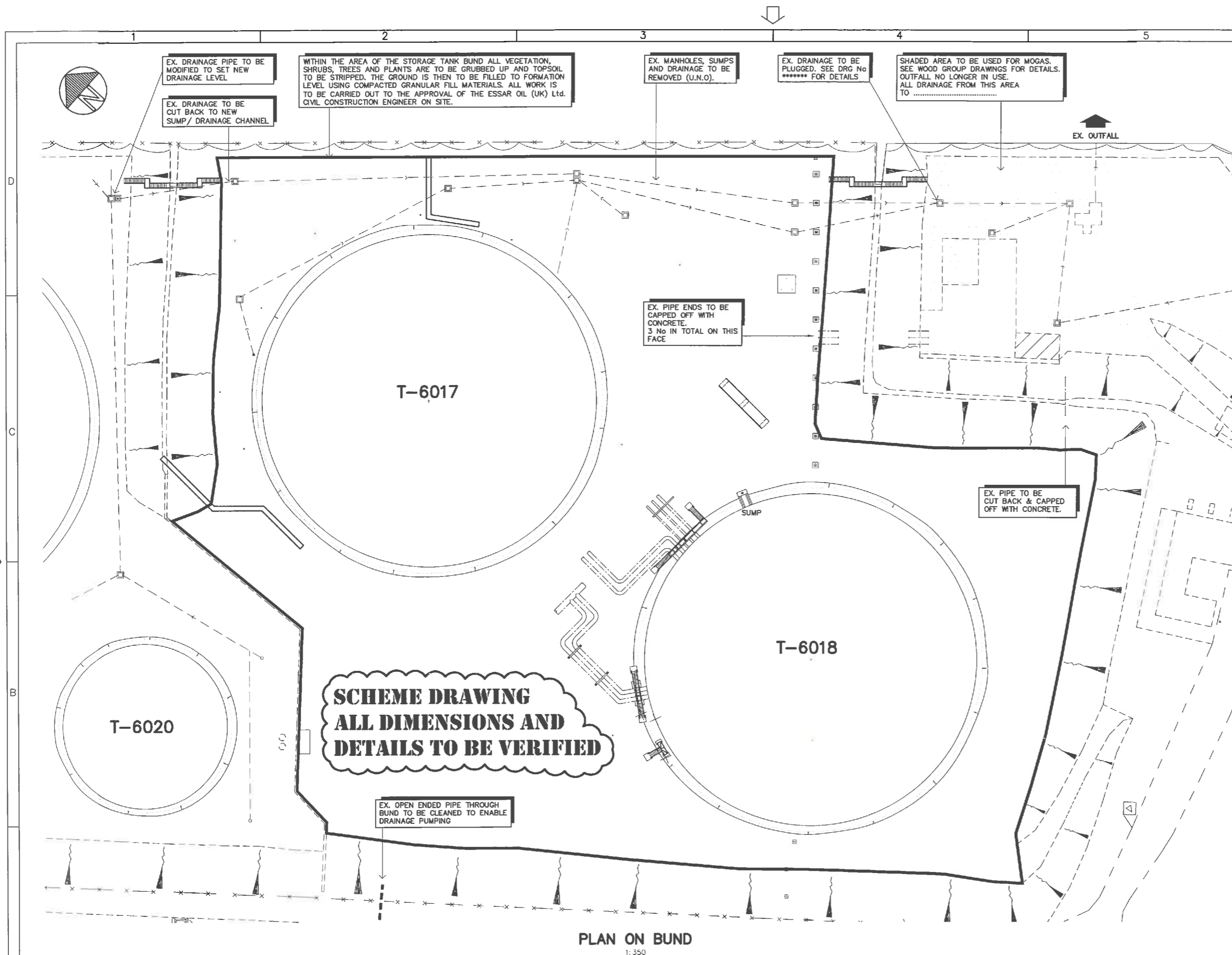
Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA UNIT
PLANT	
TAG	TRANMERE BUND
	TANK T6017 & T6018 - DRAINAGE CHANNEL/ PIPE CONNECTION
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED
 MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]



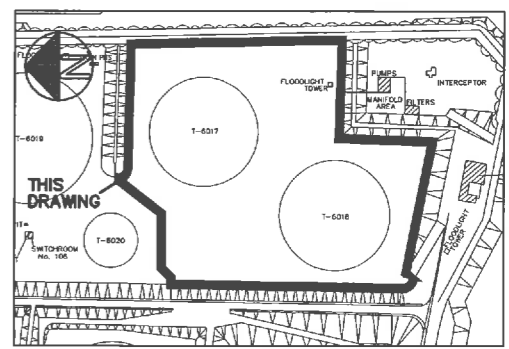
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1. ALL DIMENSIONS ARE IN MILLIMETRES.
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 3. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ENGINEERING TECHNICAL SPECIFICATIONS E.T.S. 203 - 219.
 4. THE CIVIL CONTRACTOR SHALL SITE CHECK ALL THE RELEVANT DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION AND WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL WORK AND THE CORRECT SETTING OUT OF THE WORK ON SITE.
 5. SITE PREPARATION AND EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH DEP34.11.00.11-GEN.
 6. REDUNDANT EXISTING FOUNDATIONS ARE TO BE BROKEN OUT AND THE RESULTING VOIDS FILLED WITH COMPACTED COARSE GRANULAR FILL MATERIALS TO FORMATION LEVEL.
 7. THE SITE SHALL BE CLEARED IN ACCORDANCE WITH DEP 34.11.00.11-GEN. SITE CLEARANCE SHALL INCLUDE THE TAKING DOWN OR GRUBBING UP AND SATISFACTORY REMOVAL/DISPOSAL OF ANY SURFACE OBSTRUCTIONS AND UNUSABLE MATERIALS.
 8. ALL WORK IS TO BE CARRIED OUT TO THE APPROVAL OF ESSAR OIL (UK) Ltd. CIVIL CONSTRUCTION ENGINEER ON SITE.

- SITE PREP / DEMOLITION NOTES**
9. EXISTING PIPES WILL BE IN SERVICE DURING CONSTRUCTION ACTIVITIES, THE PIPES SHOULD BE ADEQUATELY PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
 10. EXTREME CARE MUST BE TAKEN WHEN EXCAVATING ADJACENT TO LIVE CABLES AND SERVICES, HAND DIG ONLY. CONSTRUCTION ACTIVITIES MUST NOT UNDERMINE EXISTING PIPE SUPPORTS, FOUNDATIONS ETC.
 11. DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR IS TO ENSURE THAT THE INTEGRITY OF THE BUND IS MAINTAINED, WITH REGARDS TO THE CONTAINMENT OF CONTENTS WITHIN THE TANKS, TO THE APPROVAL OF THE ESSAR OIL (UK) Ltd. CIVIL CONSTRUCTION ENGINEER ON SITE.
 12. ACCESS TO VALVES ETC, DURING DEMOLITION / CONSTRUCTION TO BE MAINTAINED TO THE REQUIREMENTS OF THE P.U.
 13. PROVISION TO BE MADE FOR DEALING WITH ABOVE GROUND OR BURIED CABLES, TO THE APPROVAL OF THE ESSAR OIL (UK) Ltd ELECTRICAL ENGINEER.

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SCHEME DRAWING ALL DIMENSIONS AND DETAILS TO BE VERIFIED

LOCATION PLAN - SCALE 1:2000



PLAN ON BUND
1:350

INDICATE SCALES USED

1:5	0 0.5 1
1:15	0 1.5 3
1:25	0 2.5 5
1:75	0 1 2 4 6 8
1:350	0 35 70
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

1	2	3	4
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									D.O. CHECK	APPROVED		

Essar Oil (UK) Ltd, Stanlow

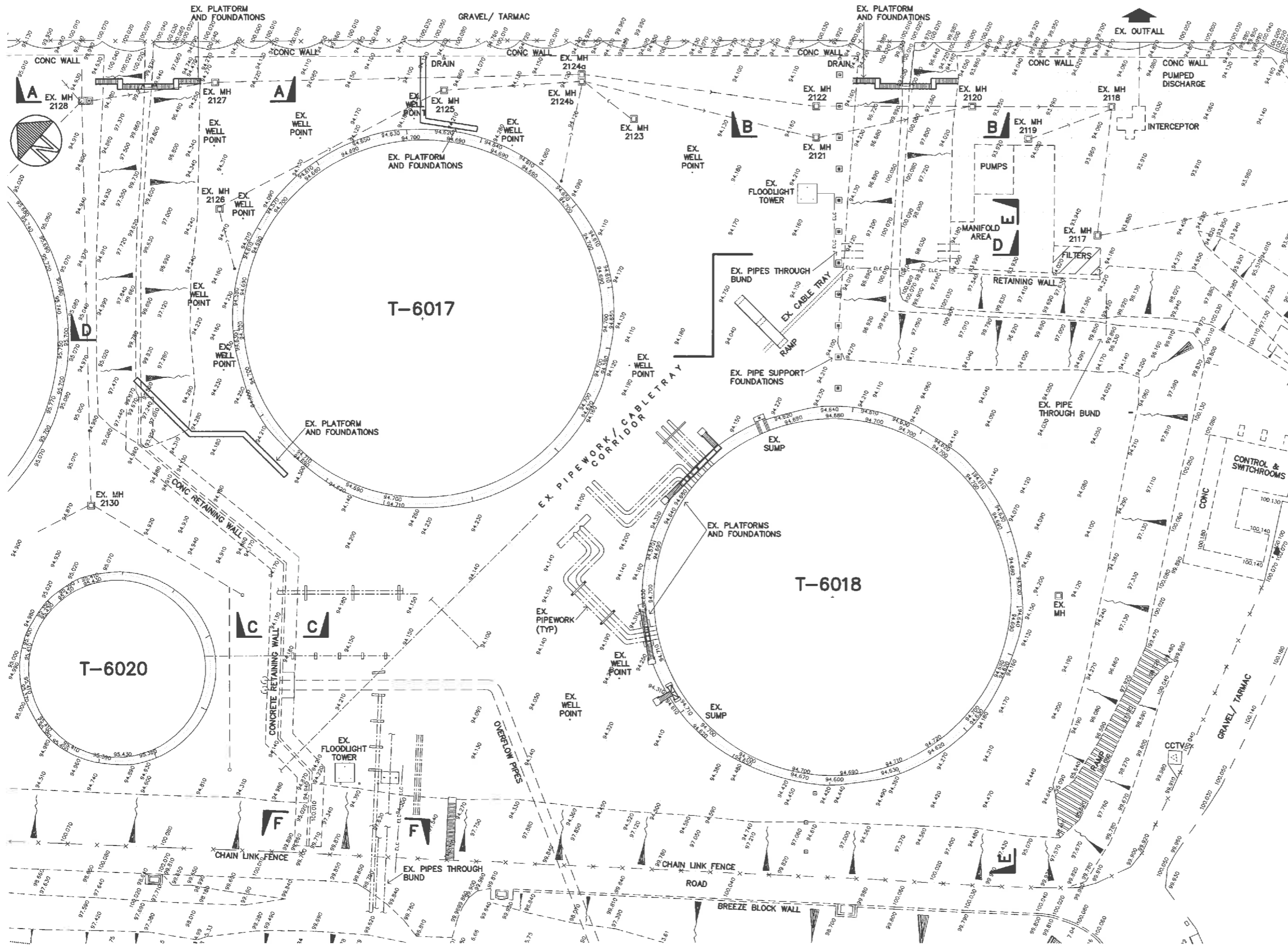
DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT	UNIT
TAG	
TRANMERE BUND	
TANK T6017 & T6018 BUND - SITE PREPARATION/ DEMOLITION	
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]



PLAN ON EXISTING BUND
1:350

GENERAL NOTES

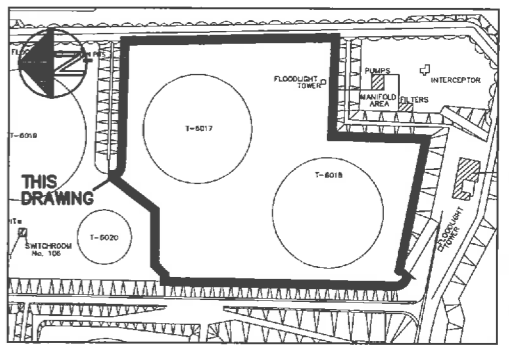
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES ABOVE ORDANCE DATUM NEWLYN AND RELATE TO A TBM WHICH IS SITUATED ON TOP OF CONCRETE TANK SHOULDER T6017 AND HAS A VALUE OF 94.700M.
3. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ENGINEERING TECHNICAL SPECIFICATIONS E.T.S. 203 - 219.
4. THE CIVIL CONTRACTOR SHALL SITE CHECK ALL THE RELEVANT DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION AND WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL WORK AND THE CORRECT SETTING OUT OF THE WORK ON SITE.
5. SITE PREPARATION AND EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH DEP34.11.00.11-GEN.
6. REDUNDANT EXISTING FOUNDATIONS ARE TO BE BROKEN UP AND THE RESULTING VOIDS FILLED WITH COMPACTED COARSE GRANULAR FILL MATERIALS TO FORMATION LEVEL.
7. THE SITE SHALL BE CLEARED IN ACCORDANCE WITH DEP 34.11.00.11-GEN. SITE CLEARANCE SHALL INCLUDE THE TAKING DOWN OR GRUBBING UP AND SATISFACTORY REMOVAL/DISPOSAL OF ANY SURFACE OBSTRUCTIONS AND UNSABLE MATERIALS.
8. ALL WORK IS TO BE CARRIED OUT TO THE APPROVAL OF ESSAR OIL (UK) Ltd. CIVIL CONSTRUCTION ENGINEER ON SITE.

DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT
SEARCH REFERENCE No. 23/00^a
CAUTION - THIS DOES NOT ENSURE THAT ALL SERVICES HAVE BEEN IDENTIFIED
SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

NOTE
DRAINAGE ARRANGEMENT HAS BEEN TAKEN FROM EX. DRAWINGS, SOME MANHOLES ARE VISIBLE

**SCHEME DRAWING
ALL DIMENSIONS AND
DETAILS TO BE VERIFIED**

LOCATION PLAN - SCALE 1:2000



INDICATE SCALES USED

1:5	
1:15	
1:25	
1:75	
1:350	
1:2000	

REFERENCE DRAWINGS

REV	DATE	DESCRIPTION	BY	CHECK	ENGINEER	ENG.D. REC	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF		N.SMITH.		
			PAN	C	E	I	M

Essar Oil (UK) Ltd, Stanlow

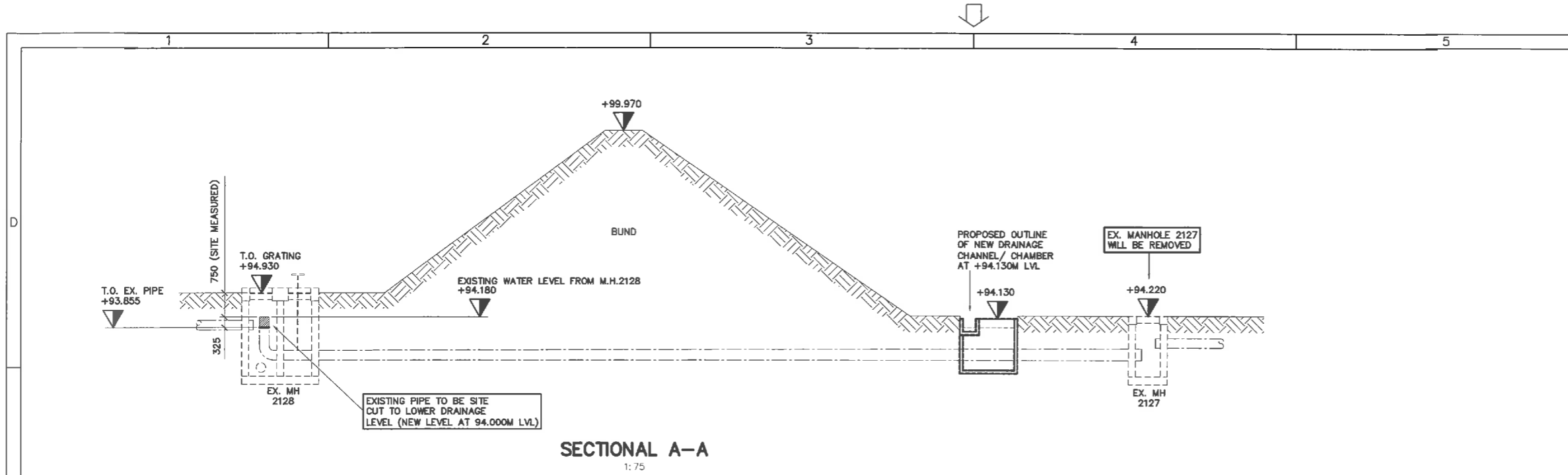
DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT TAG	
	TRANMERE BUND
	TANK T6017 & T6018 BUND - EX. PLAN
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

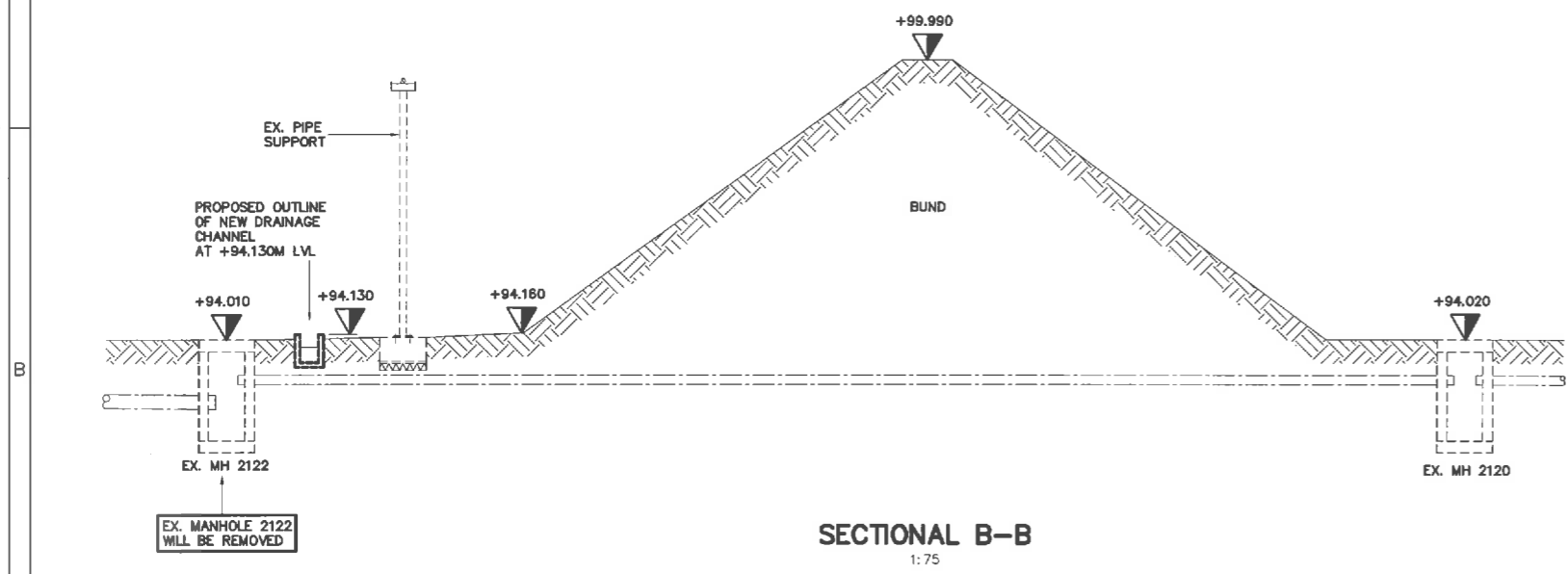
MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

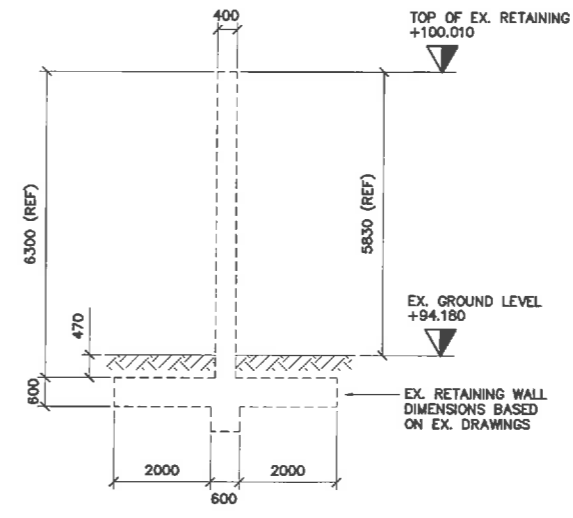
AutoCAD [Civil A1 Standard]



SECTIONAL A-A
1:75



SECTIONAL B-B
1:75



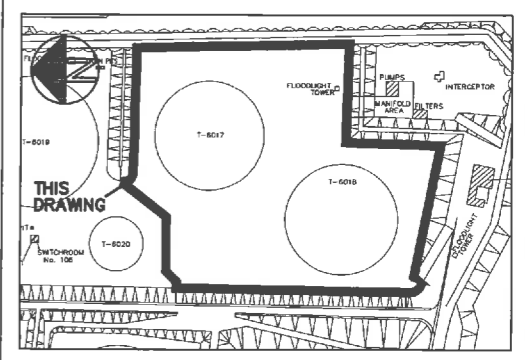
SECTIONAL C-C
1:75

- GENERAL NOTES**
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SCHEME DRAWING ALL DIMENSIONS AND DETAILS TO BE VERIFIED

LOCATION PLAN - SCALE 1:2000



INDICATE SCALES USED

1:5	0 0.5 1
1:15	0 1.5 3
1:25	0 2.5 5
1:75	0 1 2 4 6 8
1:350	0 35 70
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

1	2
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REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENG'D.O. REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.	
									ENGINEER	
									D.O. CHECK	APPROVED

Essar Oil (UK) Ltd, Stanlow

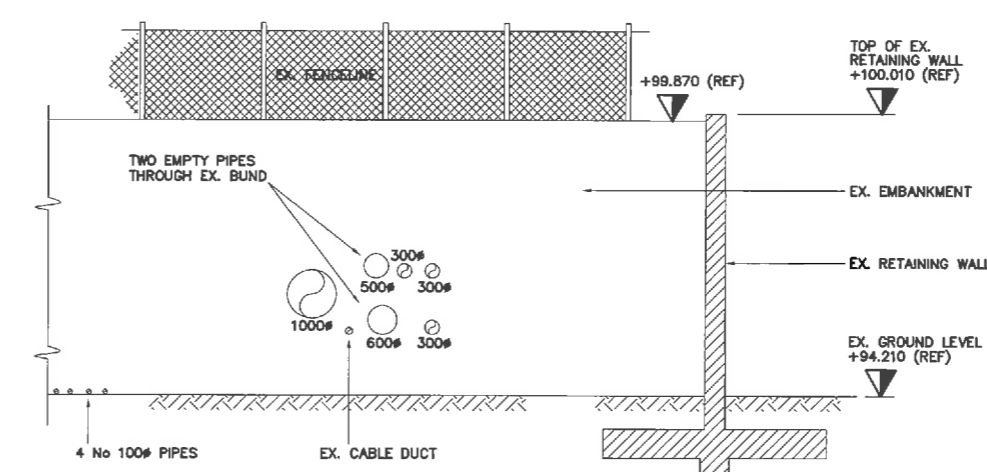
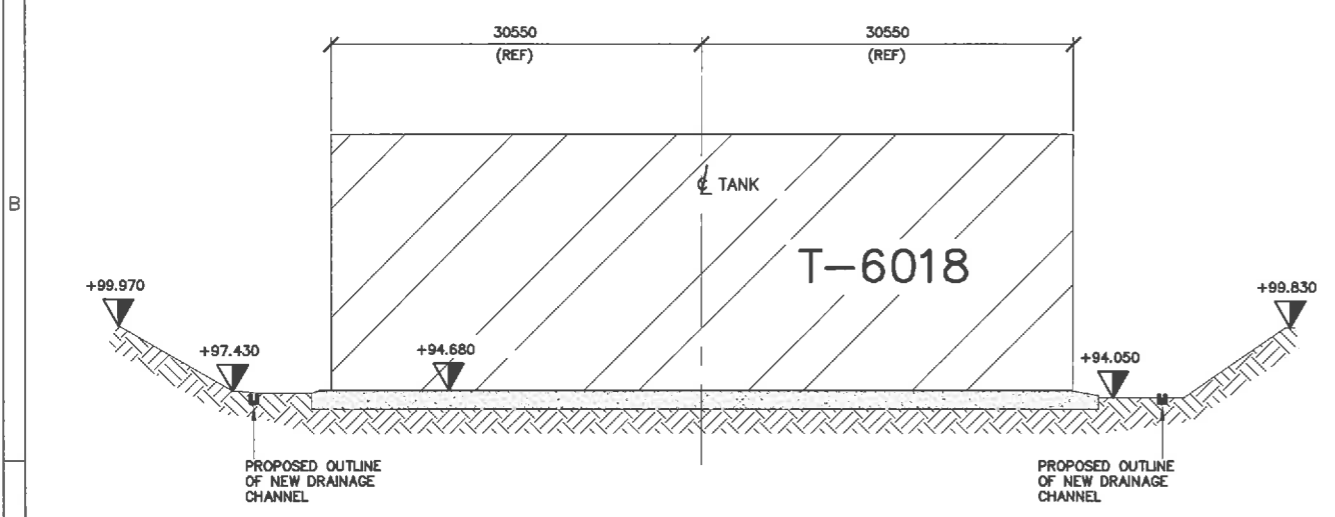
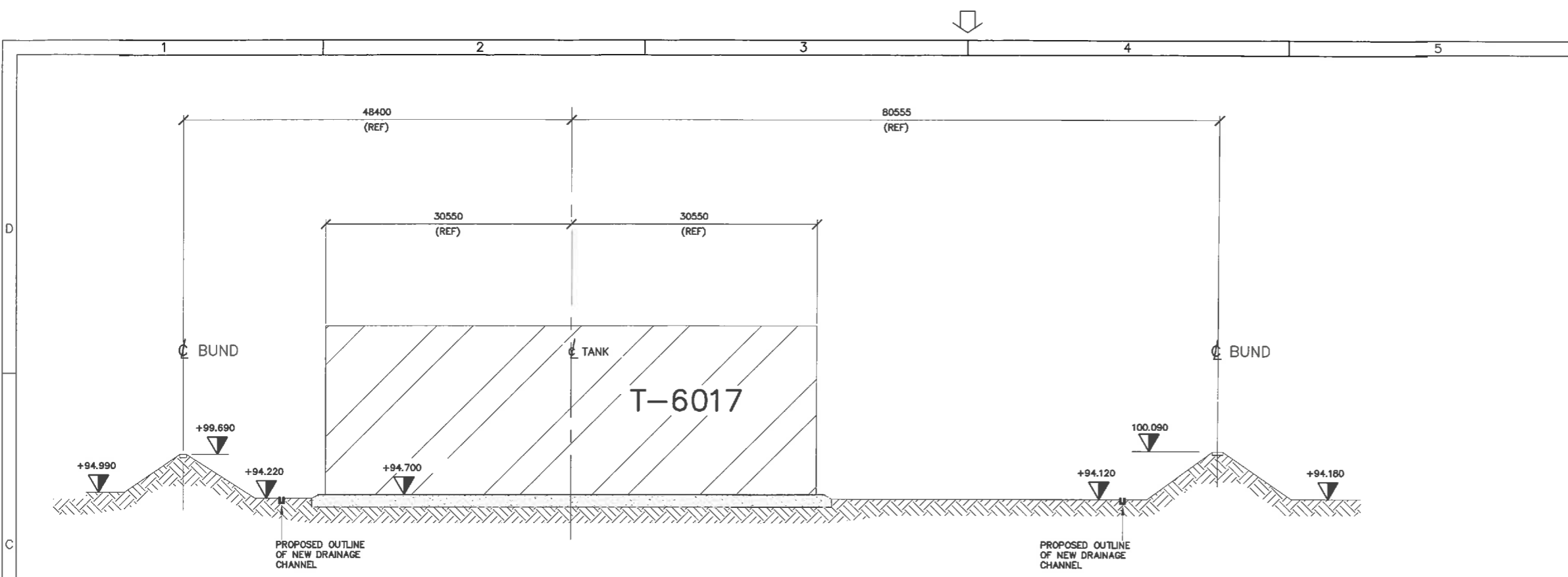
DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT	UNIT
TAG	
TRANMERE BUND	
SECTIONS A-A, B-B & C-C.	
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

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A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]



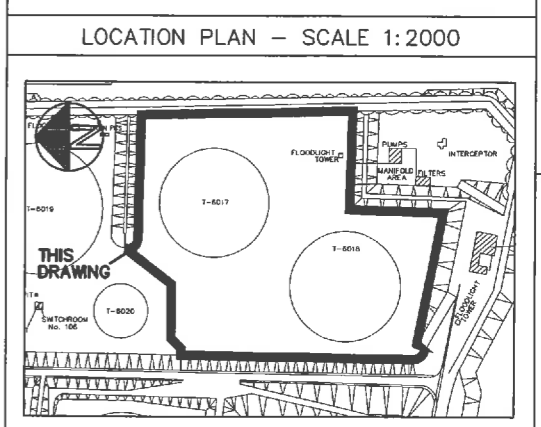
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SIGNED: N.SMITH DRG.REV. -1 DATE: 09/10/23

SCHEME DRAWING ALL DIMENSIONS AND DETAILS TO BE VERIFIED



INDICATE SCALES USED

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1:15	0 1.5 3
1:25	0 2.5 5
1:75	0 1 2 4 6 8
1:350	0 35 70
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

1	
2	
3	

REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENGINEER	ENG.D.O.	REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.			

Essar Oil (UK) Ltd, Stanlow

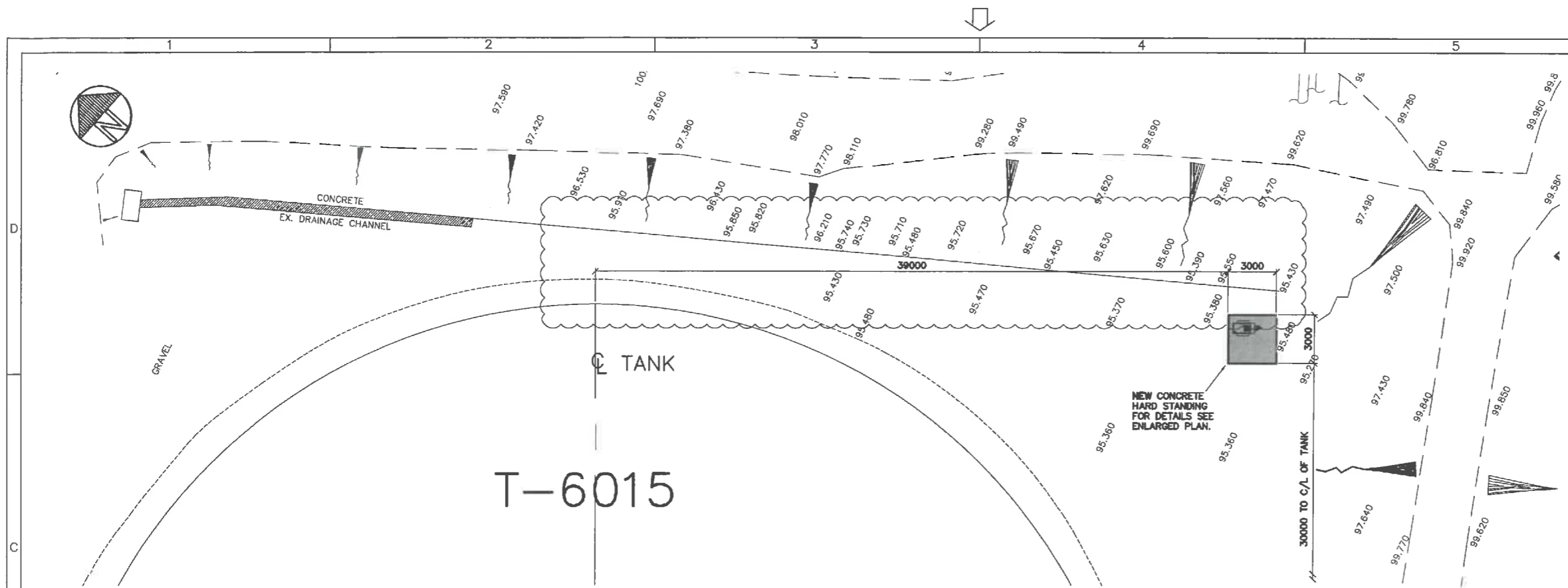
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AREA	TRA UNIT
PLANT TAG	TRANMERE BUND
	SECTIONS D-D, E-E & F-F
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P00000
REV:	-1

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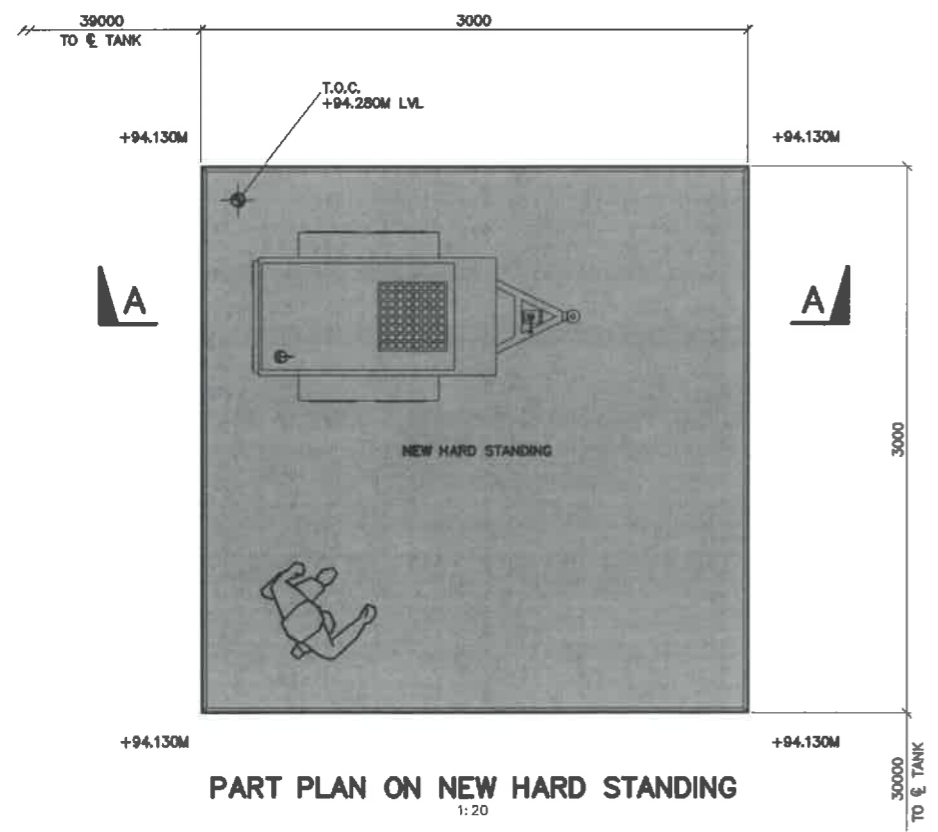
MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

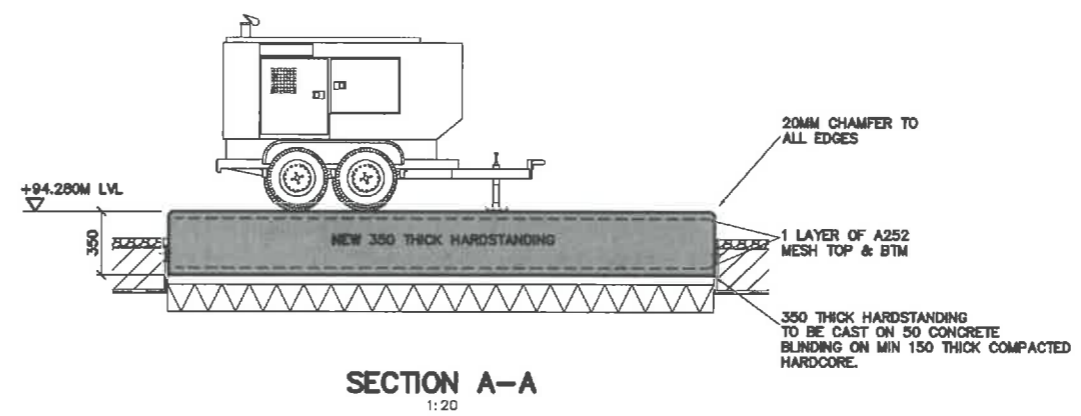
AutoCAD [Civil A1 Standard]



PART PLAN ON NEW CONCRETE HARDSTANDING FOR PUMP & HOSE PIPEWORK
1:150



PART PLAN ON NEW HARD STANDING
1:20



SECTION A-A
1:20

GROUND BENEATH FOUNDATION TO BE COMPACTED TO ENSURE MINIMUM BEARING CAPACITY OF 50 kN/m² TO THE APPROVAL OF THE ESSAR (OIL) UK LTD CIVIL CONSTRUCTION ENGINEER ON SITE

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 5. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 40mm.
 6. STEEL REINF. SHALL BE IN ACCORDANCE WITH BS.4449
 7. BAR BENDING SHALL BE IN ACCORDANCE WITH BS.8666 : 2005
 8. THE CIVIL CONTRACTOR SHALL SITE CHECK ALL RELEVANT DIMENSIONS & LEVELS PRIOR TO CONSTRUCTION & WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL WORK & THE CORRECT SETTING OUT OF THE WORK ON SITE.

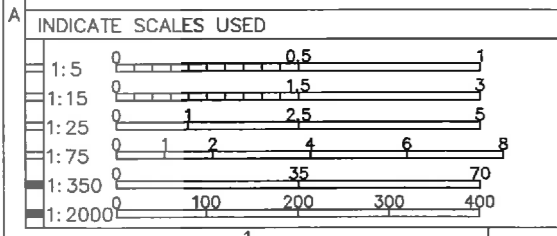
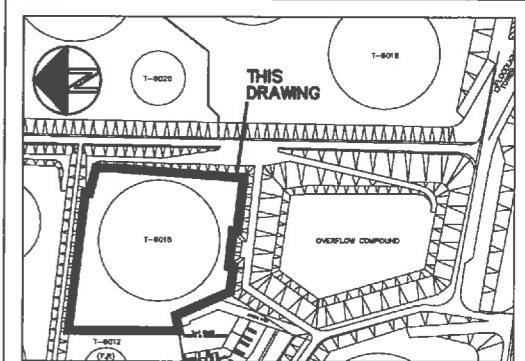
DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT
SEARCH REFERENCE No. 23/00*
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SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

do a level survey in here to confirm datum and toc levels

are we extending drainage channel or can we run a hose that's long enough into existing.

SCHEME DRAWING ALL DIMENSIONS AND DETAILS TO BE VERIFIED

LOCATION PLAN - SCALE 1:2000



- REFERENCE DRAWINGS**
- ***** - TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
 - ***** - TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
 - ***** - TANK T6017 & T6018 - EX. PLAN
 - ***** - TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
 - ***** - TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F
 - ***** - TANK T6017 & T6018 - CONCRETE HARDSTANDING

REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENGINEER	ENGD.O.REG	TIME No.
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.		

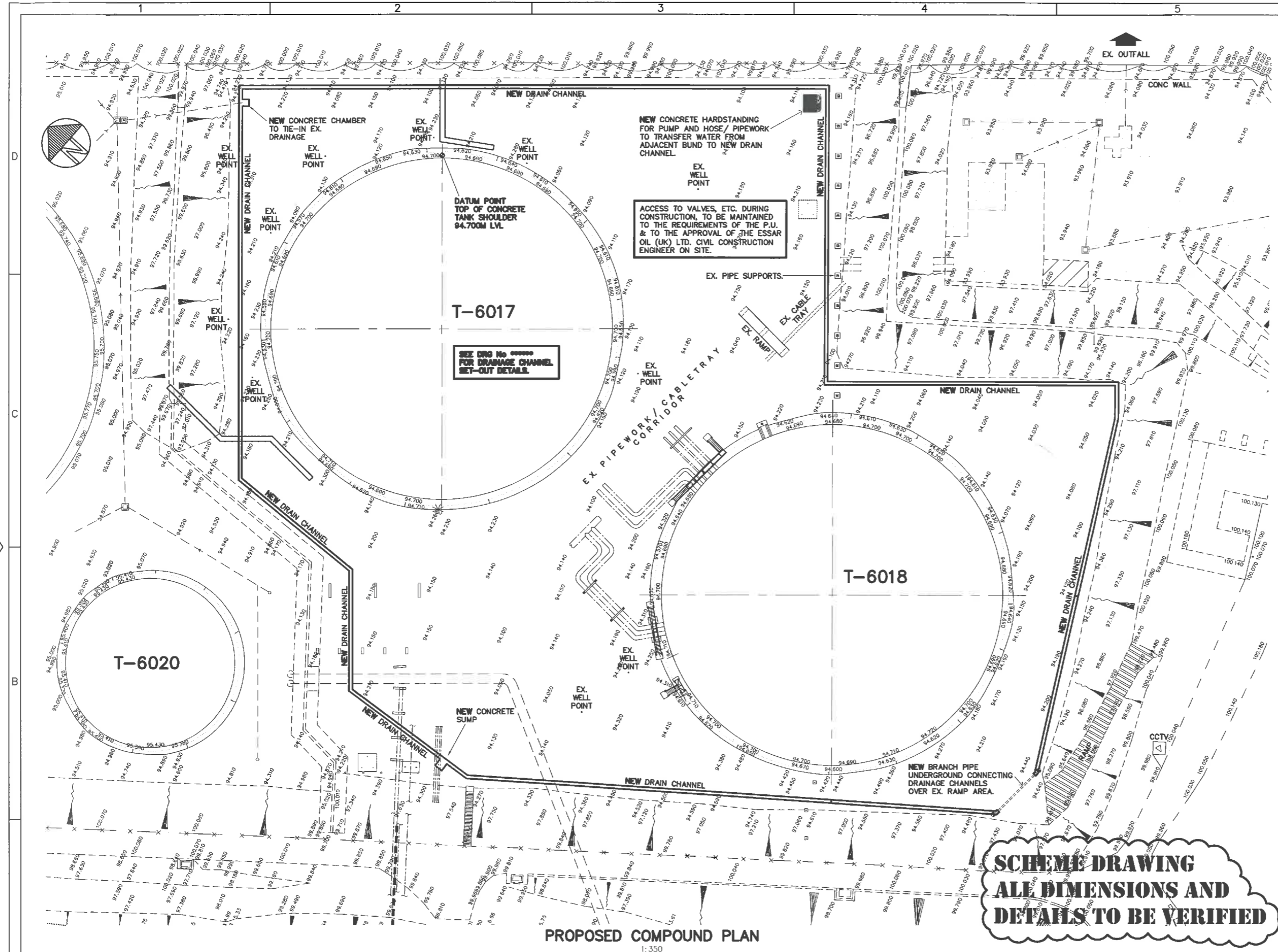
Essar Oil (UK) Ltd, Stanlow	
DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA UNIT
PLANT	TRANMERE BUND
TAG	TANK T6015 - CONCRETE HARDSTANDING
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P0000
REV:	-1

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]



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 12. ALL WORK IS TO BE CARRIED OUT TO THE APPROVAL OF ESSAR OIL (UK) LTD. CIVIL CONSTRUCTION ENGINEER ON SITE.

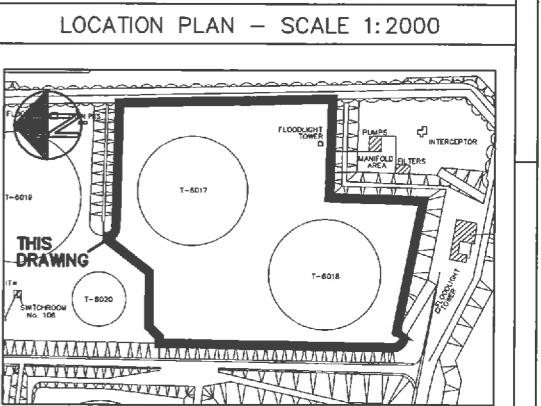
- ### SITE PREP / DEMOLITION NOTES
13. EXISTING PIPES WILL BE IN SERVICE DURING CONSTRUCTION ACTIVITIES, THE PIPES SHOULD BE ADEQUATELY PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
 14. EXTREME CARE MUST BE TAKEN WHEN EXCAVATING ADJACENT TO LIVE CABLES AND SERVICES. HAND DIG ONLY. CONSTRUCTION ACTIVITIES MUST NOT UNDERMINE EXISTING PIPE SUPPORTS, FOUNDATIONS ETC.
 15. DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR IS TO ENSURE THAT THE INTEGRITY OF THE BUND IS MAINTAINED, WITH REGARDS TO THE CONTAINMENT OF CONTENTS WITHIN THE TANKS, TO THE APPROVAL OF THE ESSAR OIL (UK) LTD. CIVIL CONSTRUCTION ENGINEER ON SITE.
 16. ACCESS TO VALVES ETC. DURING DEMOLITION / CONSTRUCTION TO BE MAINTAINED TO THE REQUIREMENTS OF THE P.U.
 17. PROVISION TO BE MADE FOR DEALING WITH ABOVE GROUND OR BURIED CABLES. TO THE APPROVAL OF THE ESSAR OIL (UK) LTD ELECTRICAL ENGINEER.
- DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT**

SEARCH REFERENCE No. 23/00*

CAUTION - THIS DOES NOT ENSURE THAT ALL SERVICES HAVE BEEN IDENTIFIED

SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

**SCHEME DRAWING
ALL DIMENSIONS AND
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INDICATE SCALES USED

1:5	0	0.5	1			
1:15	0	1.5	3			
1:25	0	2.5	5			
1:75	0	1	2	4	6	8
1:350	0	35	70			
1:2000	0	100	200	300	400	

REFERENCE DRAWINGS

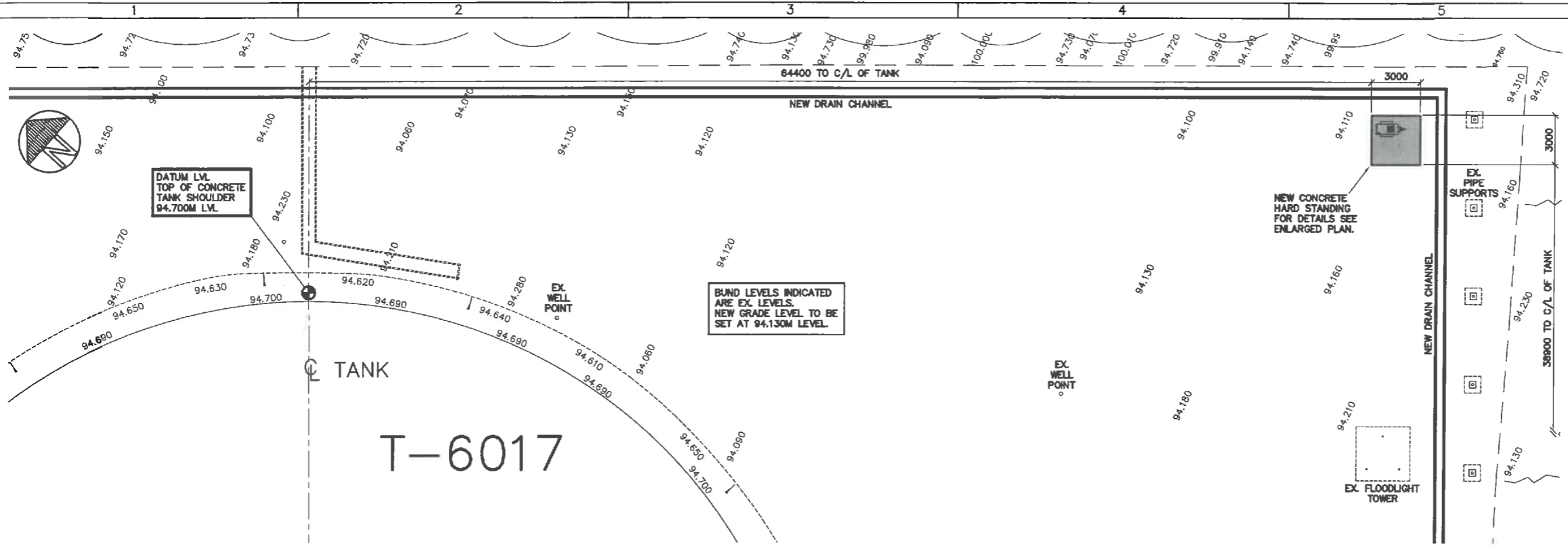
*****	- TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
*****	- TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
*****	- TANK T6017 & T6018 - EX. PLAN
*****	- TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
*****	- TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F
*****	- TANK T6017 & T6018 - CONCRETE HARDSTANDING

REV	DATE	DESCRIPTION	BY	APP'D	DATE
-1	09.10.23	ISSUED FOR COMMENT	PF		

Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
PLANT	UNIT
TAG	
TRANMERE BUND	
TANK T6017 & T6018 - PROPOSED COMPOUND PLAN	
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P0000
REV:	-1

AutoCAD [Civil A1 Standard]



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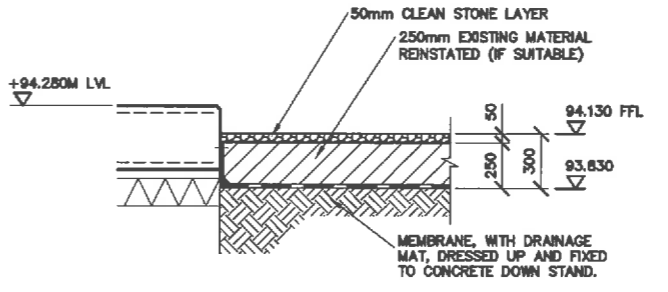
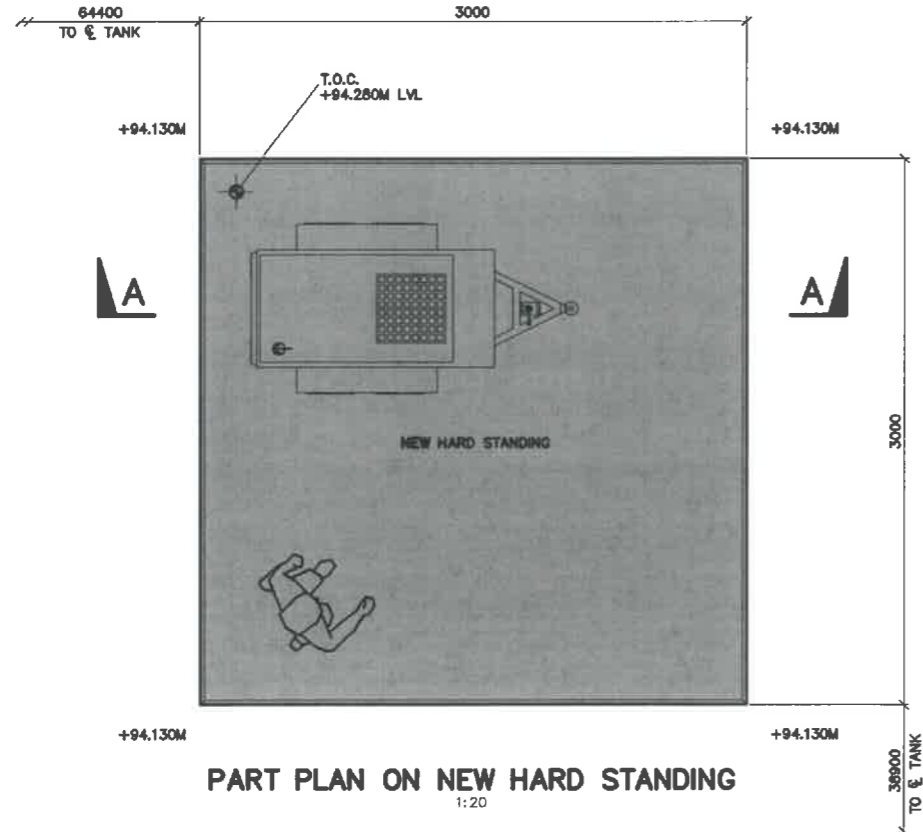
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SEARCH REFERENCE No. 23/00*

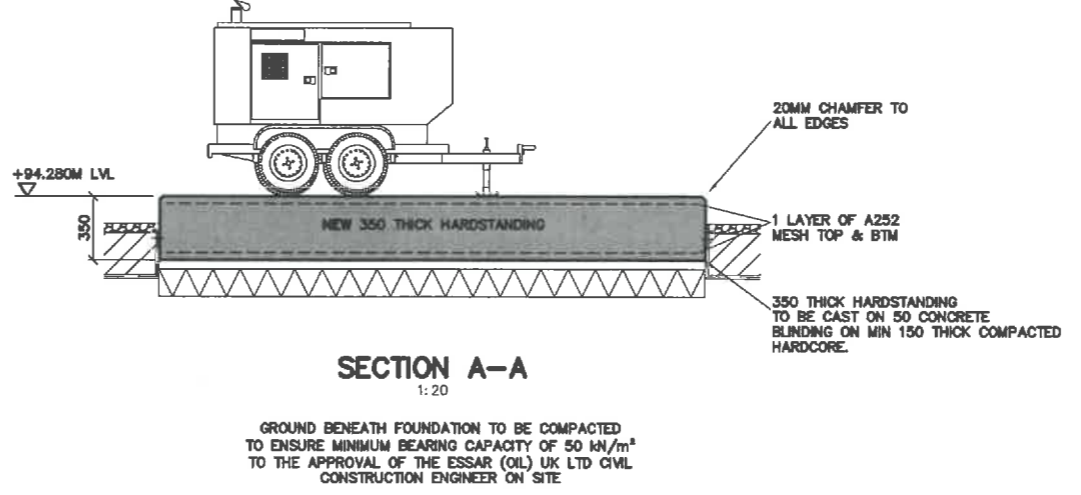
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SIGNED: N.SMITH DRG. REV. -1 DATE 09/10/23

PART PLAN ON NEW CONCRETE HARDSTANDING FOR PUMP & HOSE PIPEWORK
1:150



TYPICAL SECTION THRO' HARD STANDING EDGE

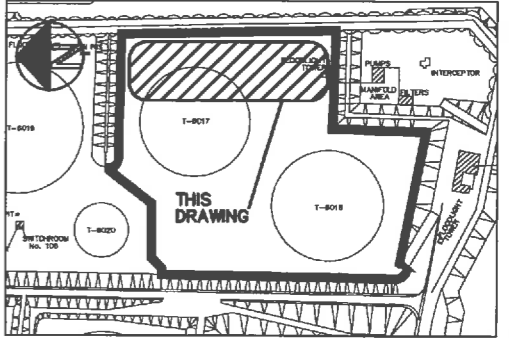


SECTION A-A
1:20

GROUND BENEATH FOUNDATION TO BE COMPACTED TO ENSURE MINIMUM BEARING CAPACITY OF 50 kN/m² TO THE APPROVAL OF THE ESSAR (OIL) UK LTD CIVIL CONSTRUCTION ENGINEER ON SITE

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LOCATION PLAN - SCALE 1:2000



INDICATE SCALES USED

1:5	0 0.5 1
1:15	0 1.5 3
1:20	0 2 4
1:75	0 1 2 4 6 8
1:150	0 2 4 8 12 16
1:2000	0 100 200 300 400

REFERENCE DRAWINGS

*****	- TANK T8017 & T8018 - PROPOSED COMPOUND PLAN
*****	- TANK T8017 & T8018 - PROPOSED COMPOUND SCHEME
*****	- TANK T8017 & T8018 - SITE PREPARATION/ DEMOLITION
*****	- TANK T8017 & T8018 - EX. PLAN
*****	- TANK T8017 & T8018 - SECTIONS A-A, B-B & C-C
*****	- TANK T8017 & T8018 - SECTIONS D-D, E-E & F-F

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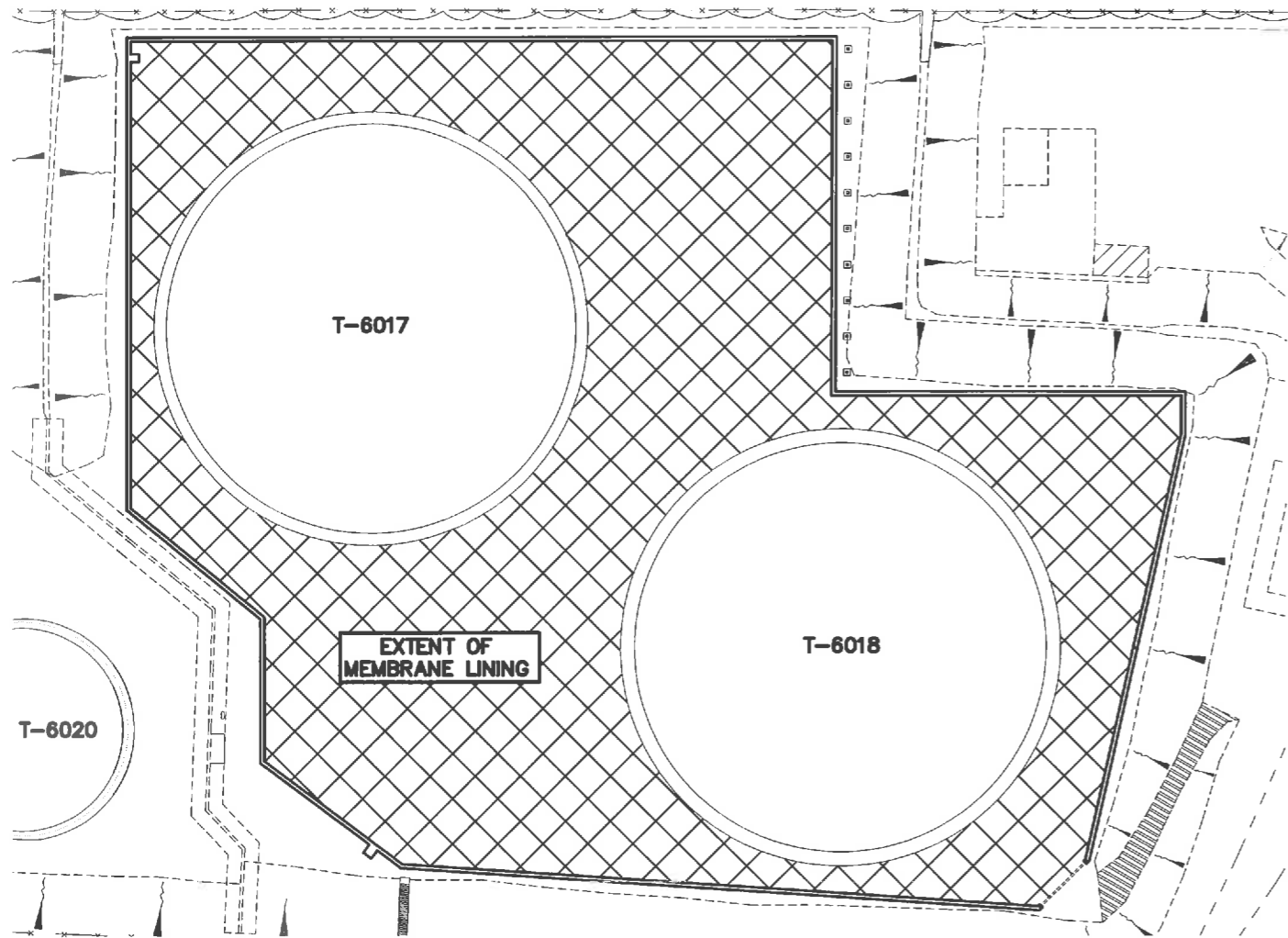
Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING
AREA	TRA
UNIT	
PLANT	
TAG	
TRANMERE BUND	
TANK T6017 & T6018 - CONCRETE HARDSTANDING	
DRAWN	P.FORSTER
DOCUMENT No.	00*****S000 P0000
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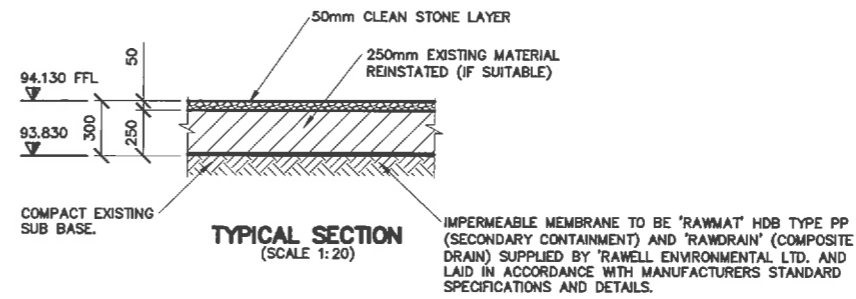
AutoCAD [Civil A1 Standard]



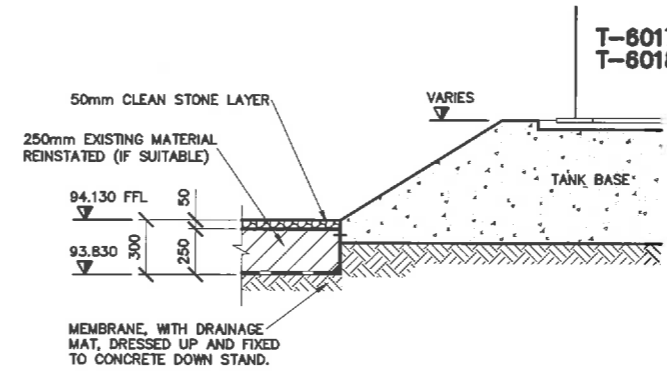
PLAN SHOWING EXTENT OF MEMBRANE LINING
(SCALE 1:500)

DETAIL OF MEMBRANE
AT PIPE CROSSING DETAIL

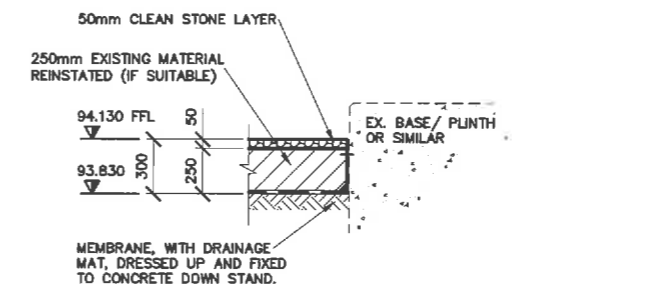
**SCHEME DRAWING
ALL DIMENSIONS AND
DETAILS TO BE VERIFIED**



TYPICAL SECTION
(SCALE 1:20)



TYPICAL SECTION THRO' TANK BASE
(SCALE 1:20)



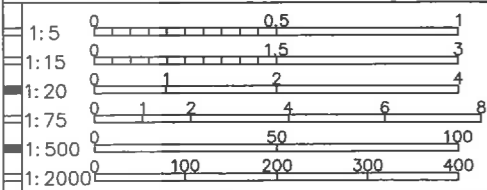
TYPICAL SECTION THRO' MEMBRANE/ EX. BASE/ PLINTH
(SCALE 1:20)

GENERAL NOTES

1. FOR GENERAL NOTES & LOCATION PLAN SEE DRAWING No *****.

DESIGN OFFICE UNDERGROUND RECORD SEARCH CARRIED OUT
SEARCH REFERENCE No. 23/00*
CAUTION - THIS DOES NOT ENSURE THAT ALL SERVICES HAVE BEEN IDENTIFIED
SIGNED: N.SMITH DRG.REV. -1 DATE 09/10/23

INDICATE SCALES USED



REFERENCE DRAWINGS

- ***** - TANK T6017 & T6018 - PROPOSED COMPOUND SCHEME
- ***** - TANK T6017 & T6018 - SITE PREPARATION/ DEMOLITION
- ***** - TANK T6017 & T6018 - EX. PLAN
- ***** - TANK T6017 & T6018 - SECTIONS A-A, B-B & C-C
- ***** - TANK T6017 & T6018 - SECTIONS D-D, E-E & F-F
- ***** - TANK T6017 & T6018 - CONCRETE HARDSTANDING

REV	DATE	DESCRIPTION	BY	PAN No	C	E	I	M	ENGINEER	ENG.D.O.	REG	TIME No.	DRAWN	P.FORSTER	DOCUMENT No.	REV:
-1	09.10.23	ISSUED FOR COMMENT	PF						N.SMITH.						00*****S000 P00000	-1
D.O. CHECK													APPROVED			

Essar Oil (UK) Ltd, Stanlow

DOC CLASS	CIVIL CONCRETE DRAWING	
AREA	TRA	UNIT
PLANT	TRANMERE BUND	
TAG	TANK T6017 & T6018 - PROPOSED COMPOUND PLAN DETAILS	
DOCUMENT No.	00*****S000 P00000	

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

MINIMUM SIZE OF LETTERING 2.5mm TO SUIT MICROFILMING

A1 size original DO NOT SCALE

AutoCAD [Civil A1 Standard]