

NOTE :

1. ALL CONCRETE TO HAVE A STRENGTH OF 30MPa AFTER 28 DAYS
2. SEE BENDING SCHEDULES FOR REINFORCEMENT DETAILS
3. ALL REINFORCEMENT TO HAVE 50mm COVER
4. LEVELS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION

A0

LEGEND

ABOVE GROUND SERVICES

OILY WATER DRAINS

PRODUCT PIPEWORK

FOAM/WATER PIPEWORK

EXISTING FENCE LINE

EXISTING BENCHMARK

BENCHMARK FOR INDICATED LEVELS

GL 10.445 GROUND LEVEL

TW 10.445 TOP OF WALL LEVEL

E 10.445 INVERT LEVEL

FHO EXISTING HYDRANT

SL SECURITY LIGHT

MH MANHOLE

CATCHPIT

BELOW GROUND SERVICES

PRODUCT PIPEWORK

ELECTRICAL CABLE

WATER PIPEWORK

TANK COOLING PIPEWORK

FOAM PIPEWORK

STORMWATER PIPEWORK

SEWER PIPEWORK

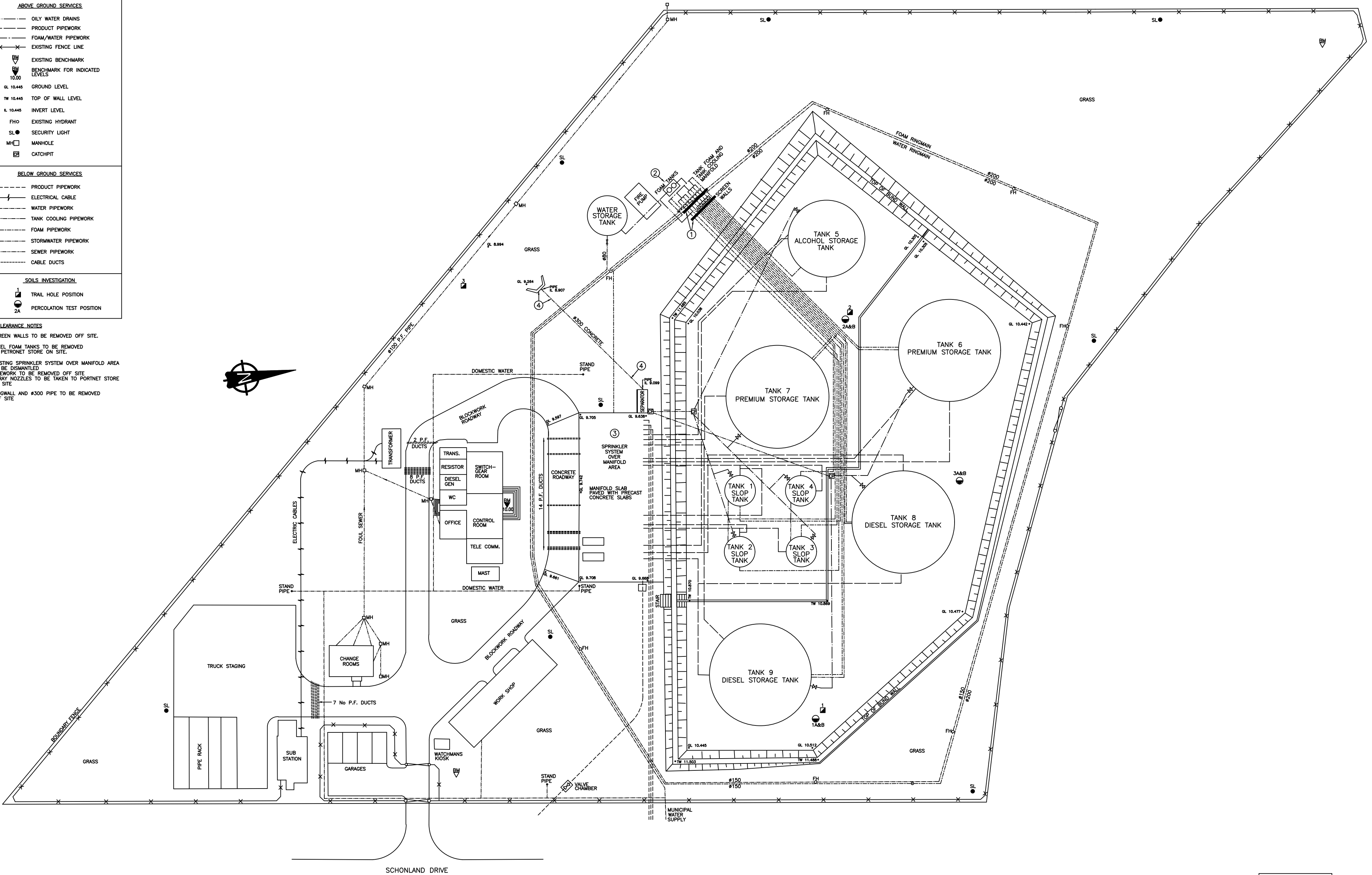
CABLE DUCTS

SOILS INVESTIGATION

TRAIL HOLE POSITION

PERCOLATION TEST POSITION

- SITE CLEARANCE NOTES**
- 1 SCREEN WALLS TO BE REMOVED OFF SITE.
 - 2 STEEL FOAM TANKS TO BE REMOVED TO PETRONET STORE ON SITE.
 - 3 EXISTING SPRINKLER SYSTEM OVER MANIFOLD AREA TO BE DISMANTLED. PIPEWORK TO BE REMOVED OFF SITE. SPRAY NOZZLES TO BE TAKEN TO PORTNET STORE ON SITE.
 - 4 WINGWALL AND #300 PIPE TO BE REMOVED OFF SITE.



NOTE: THIS DRAWING HAS BEEN DIGITIZED FROM PETRONET DRAWING DW G5175.

NOTE: IN TERMS OF ACT 84 OF 1982 AND ACT 102 OF 1980, THE REPRODUCTION OF THIS DRAWING IS PROHIBITED.

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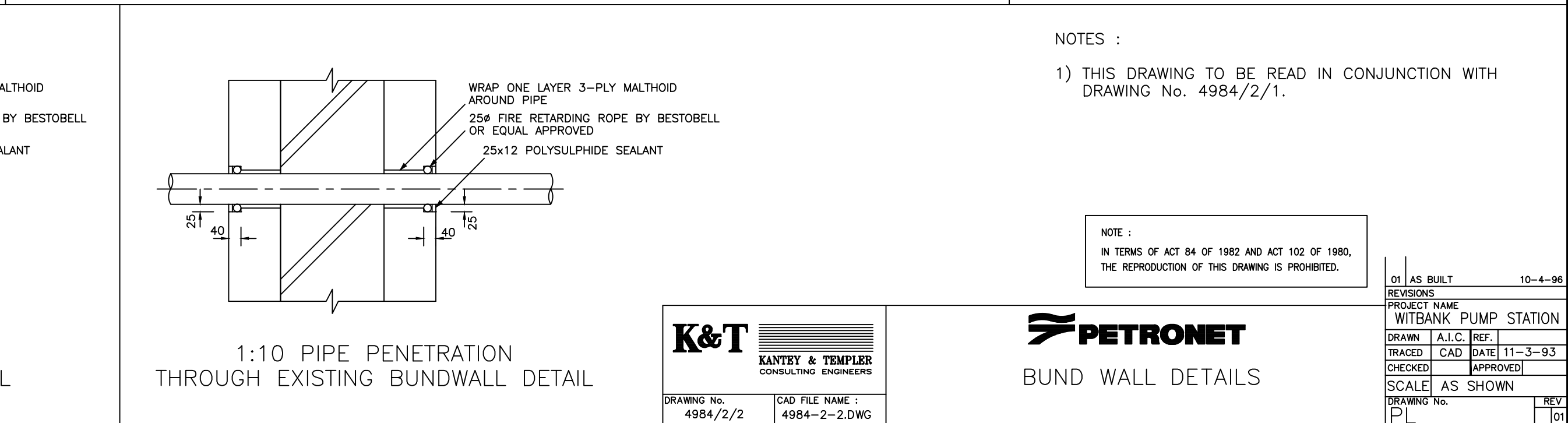
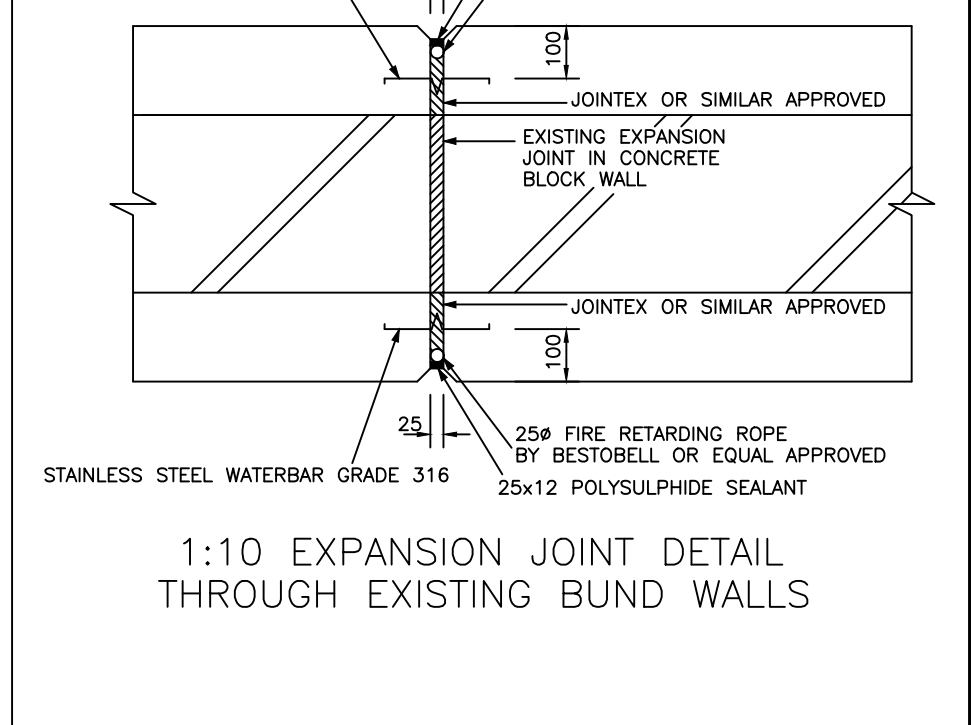
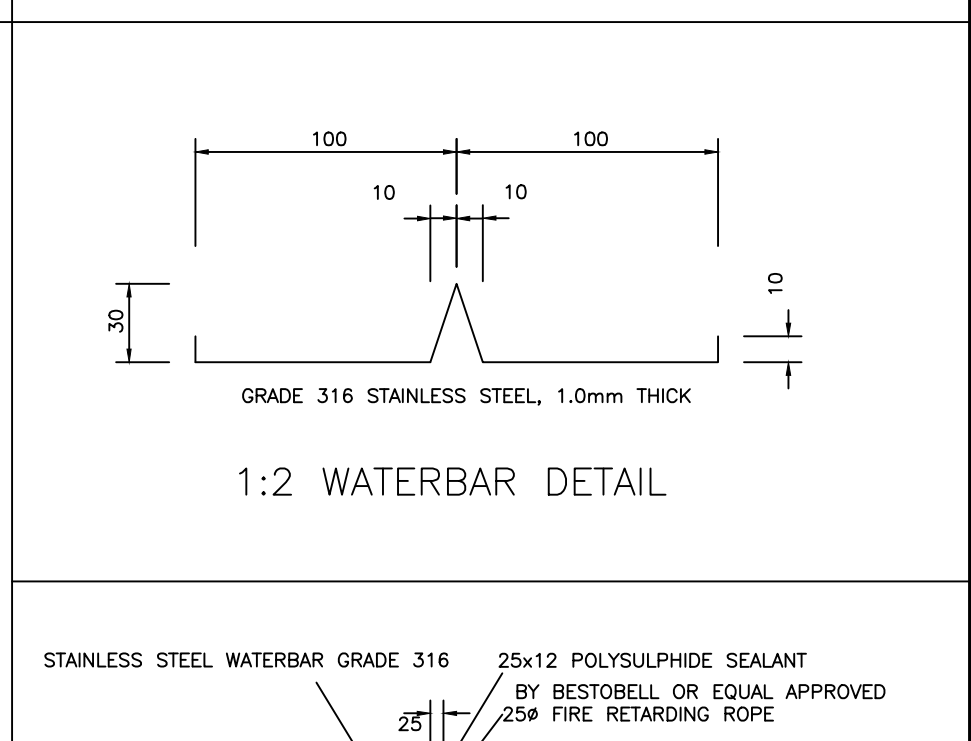
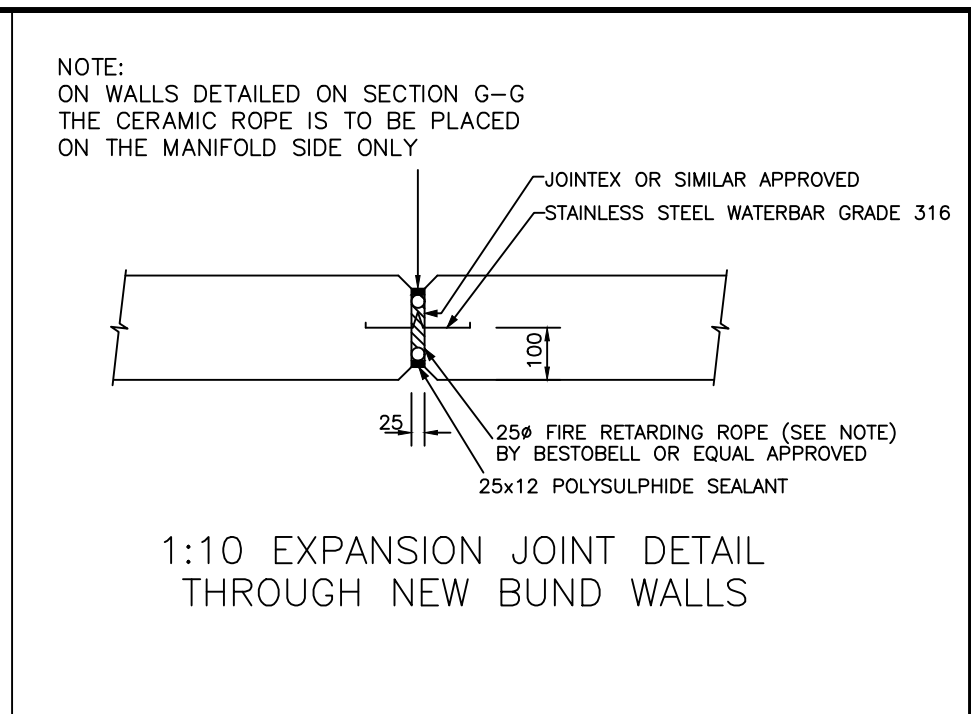
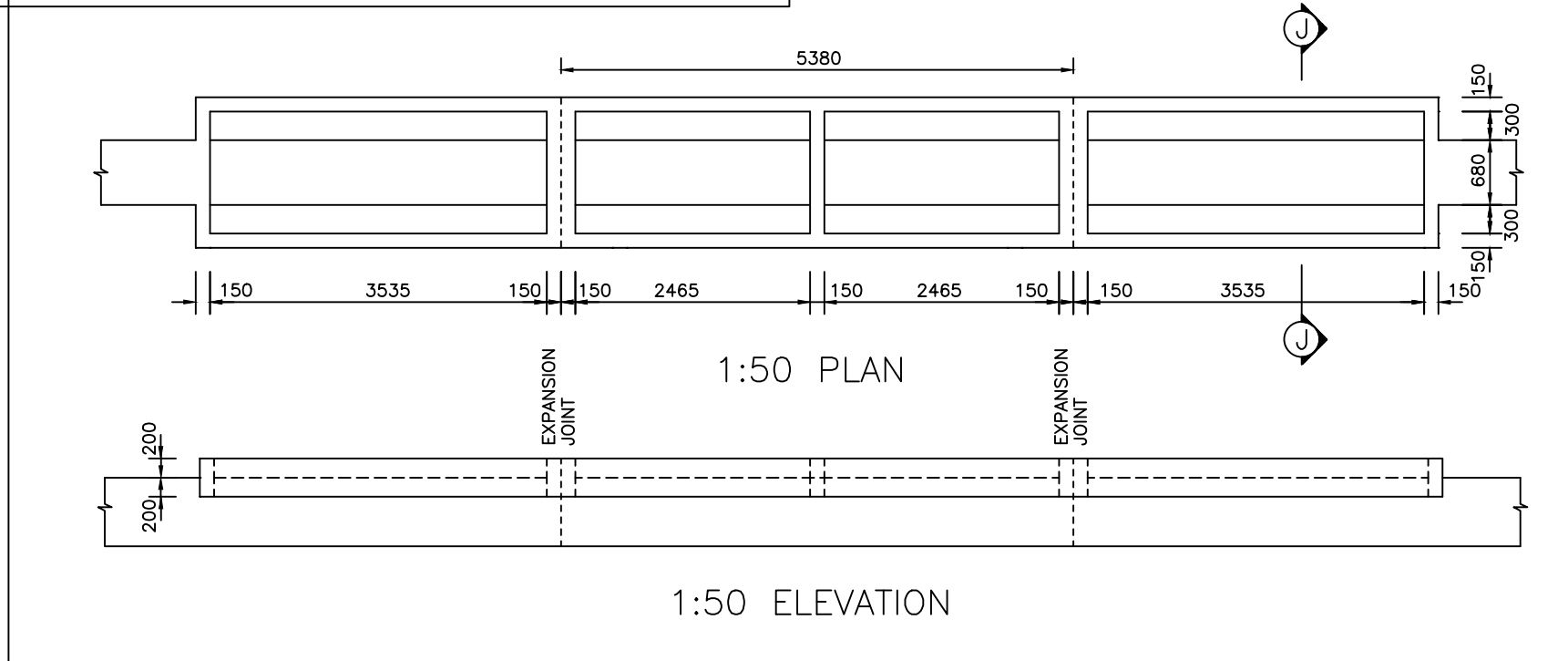
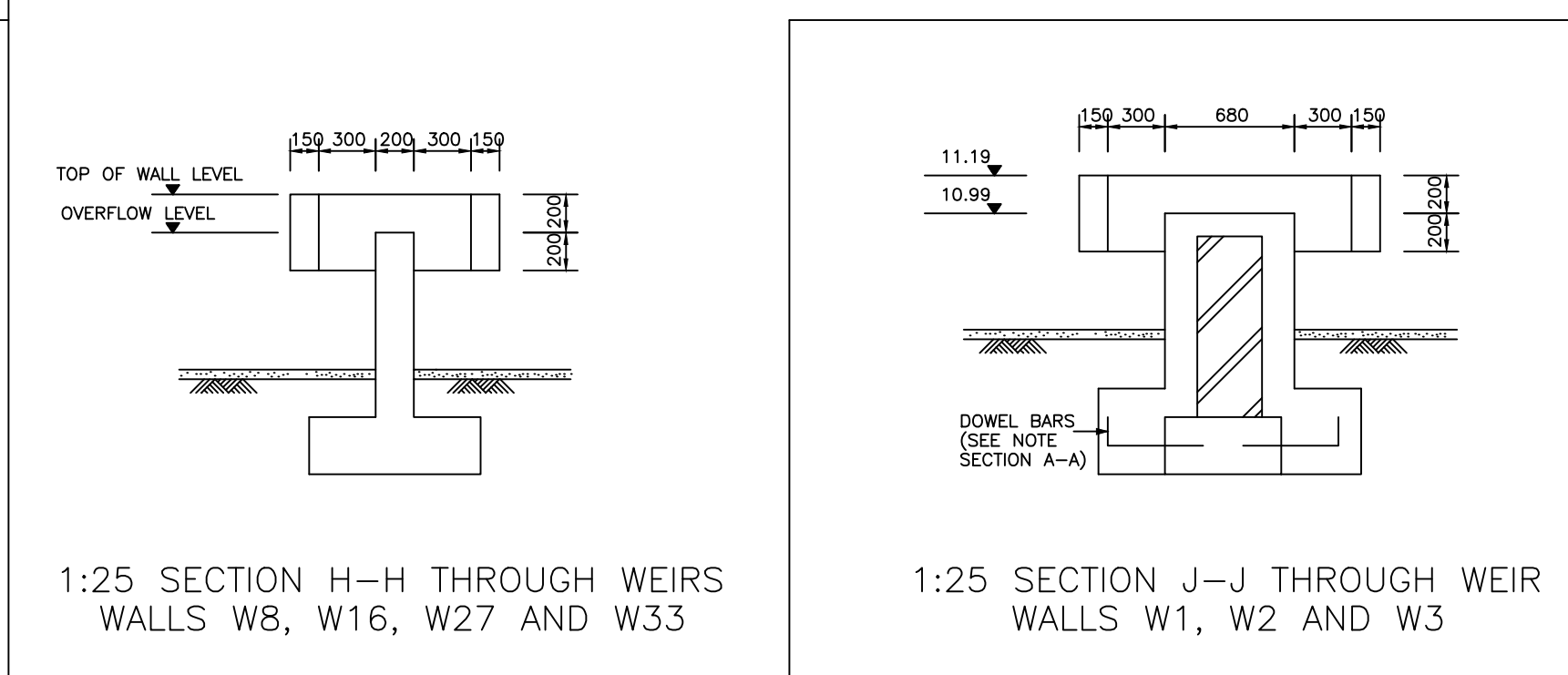
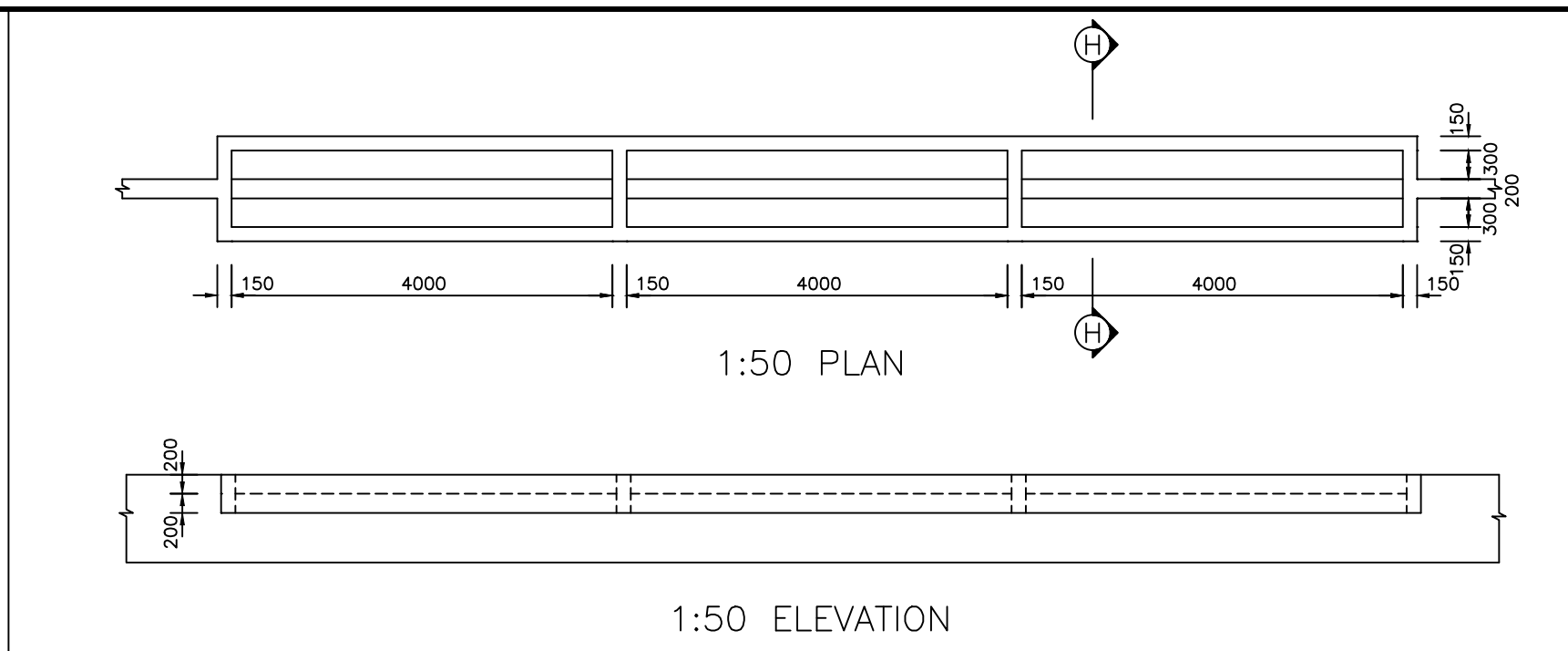
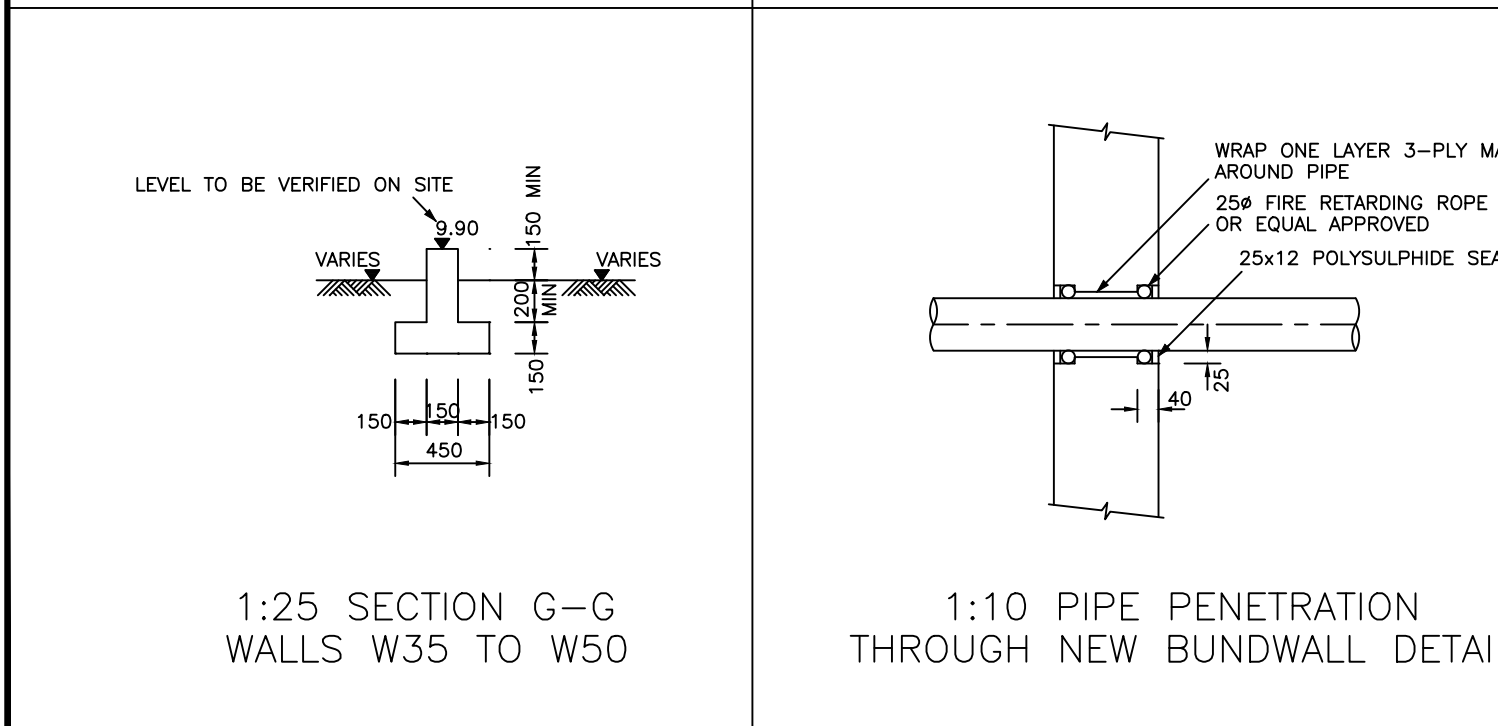
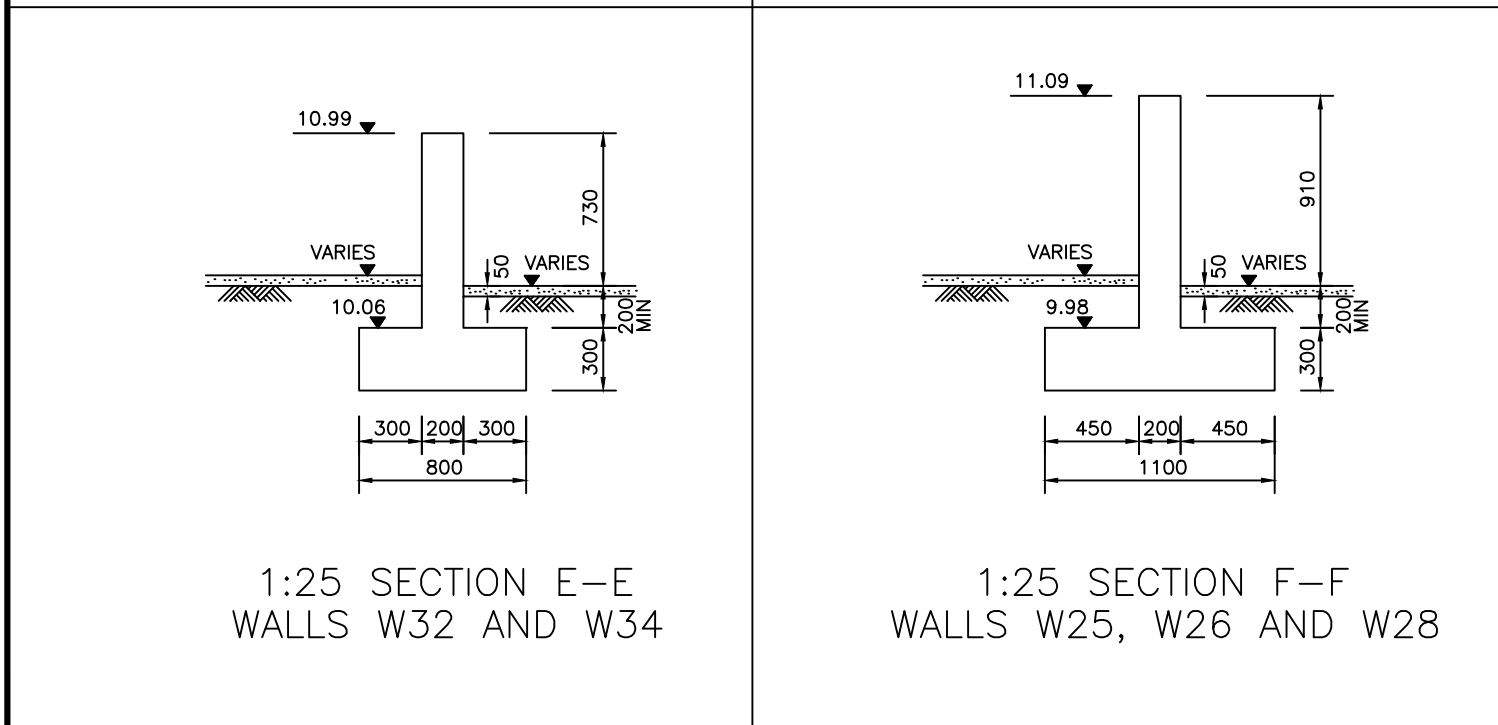
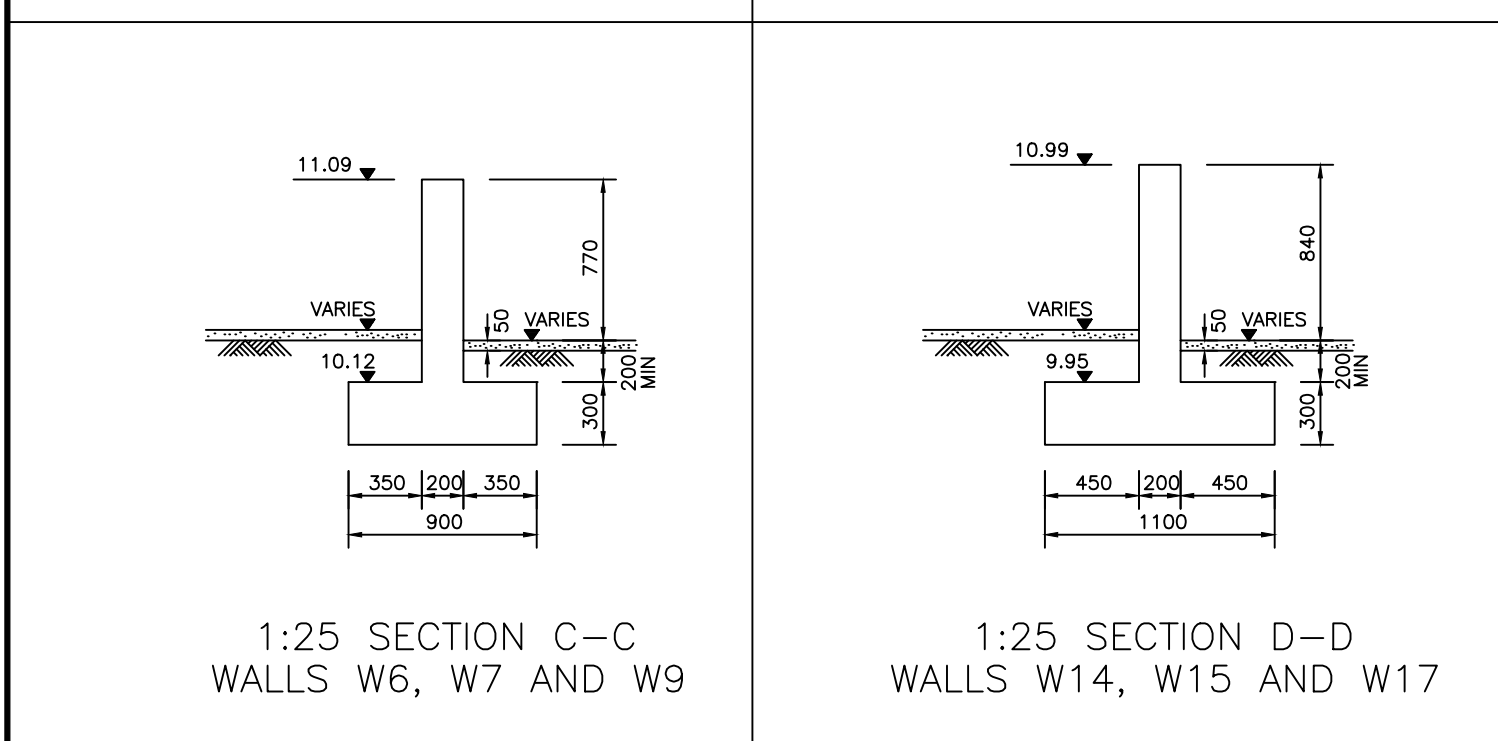
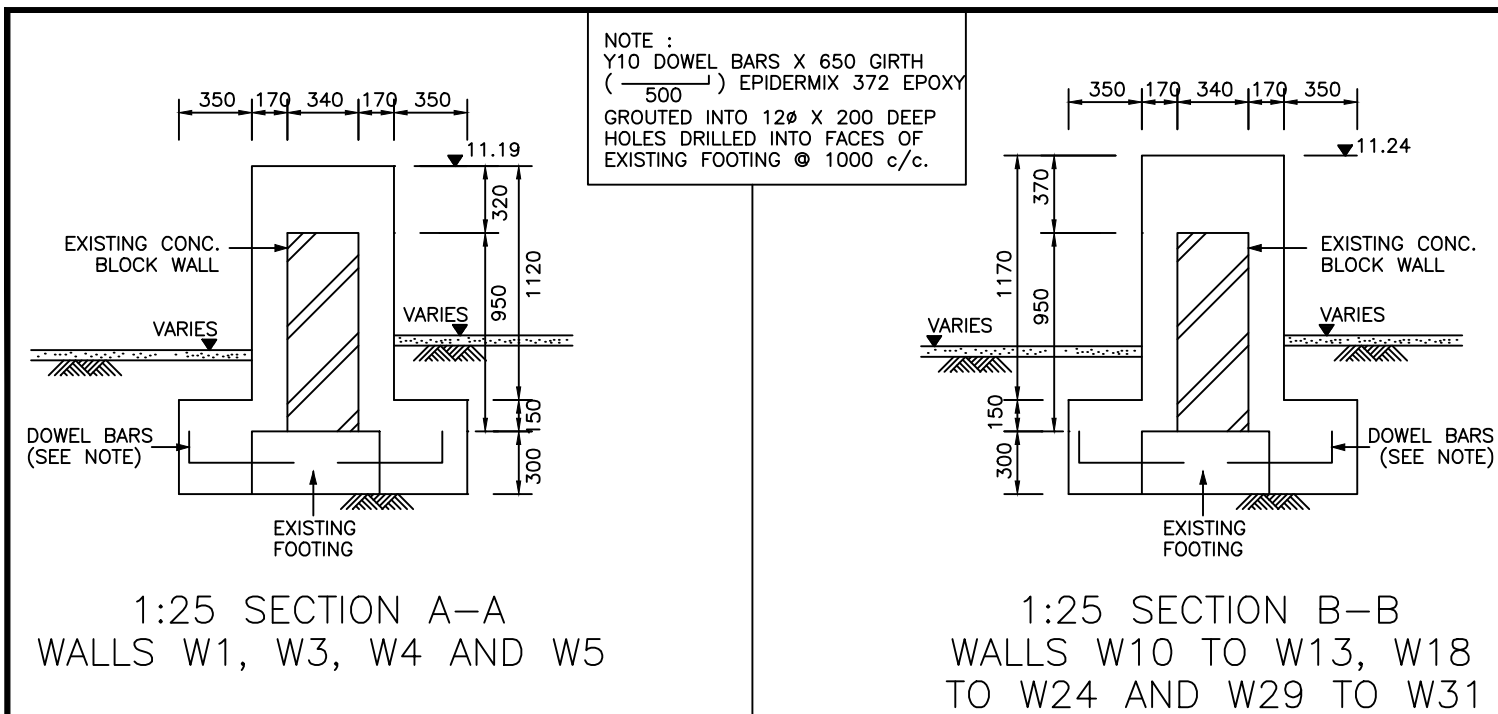
4984/1/1

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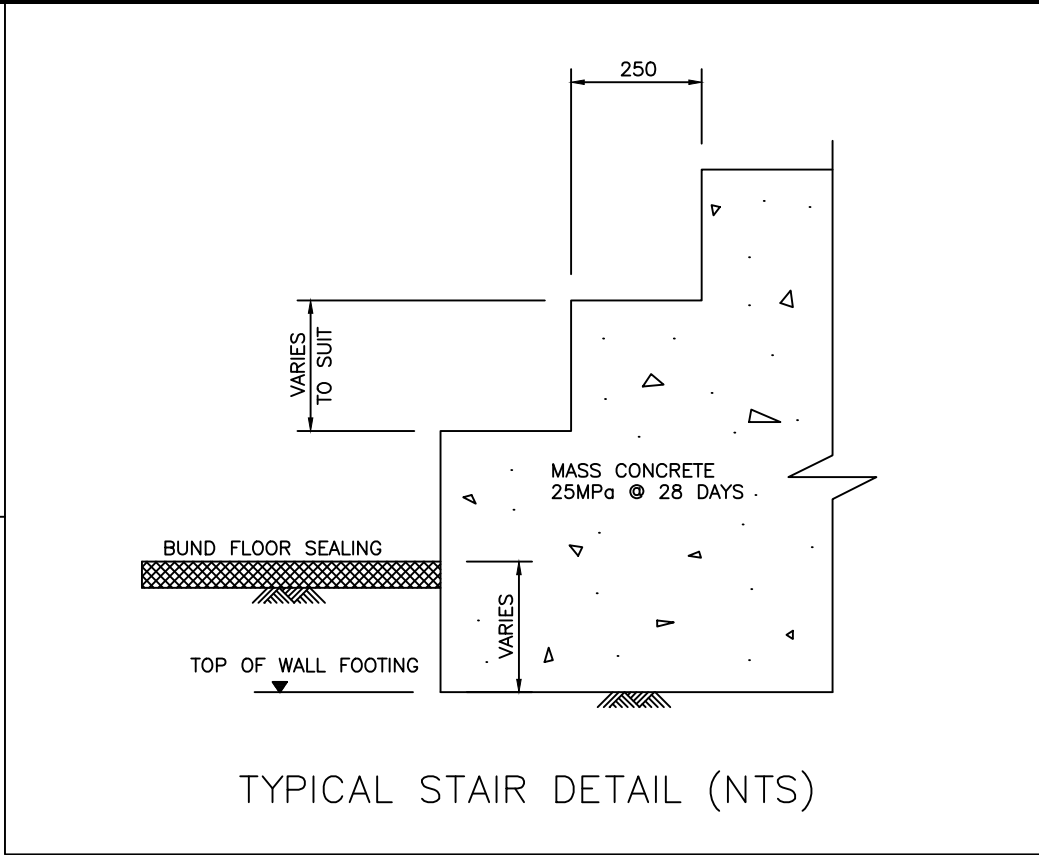
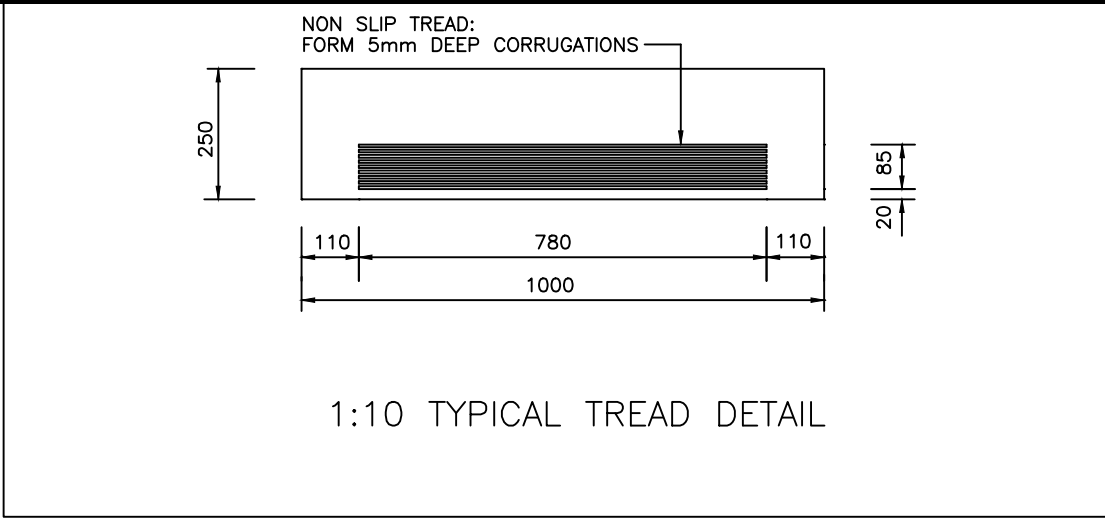
4984-1-1.DWG

PETRONET
EXISTING SERVICES LAYOUT
AND MODIFICATIONS

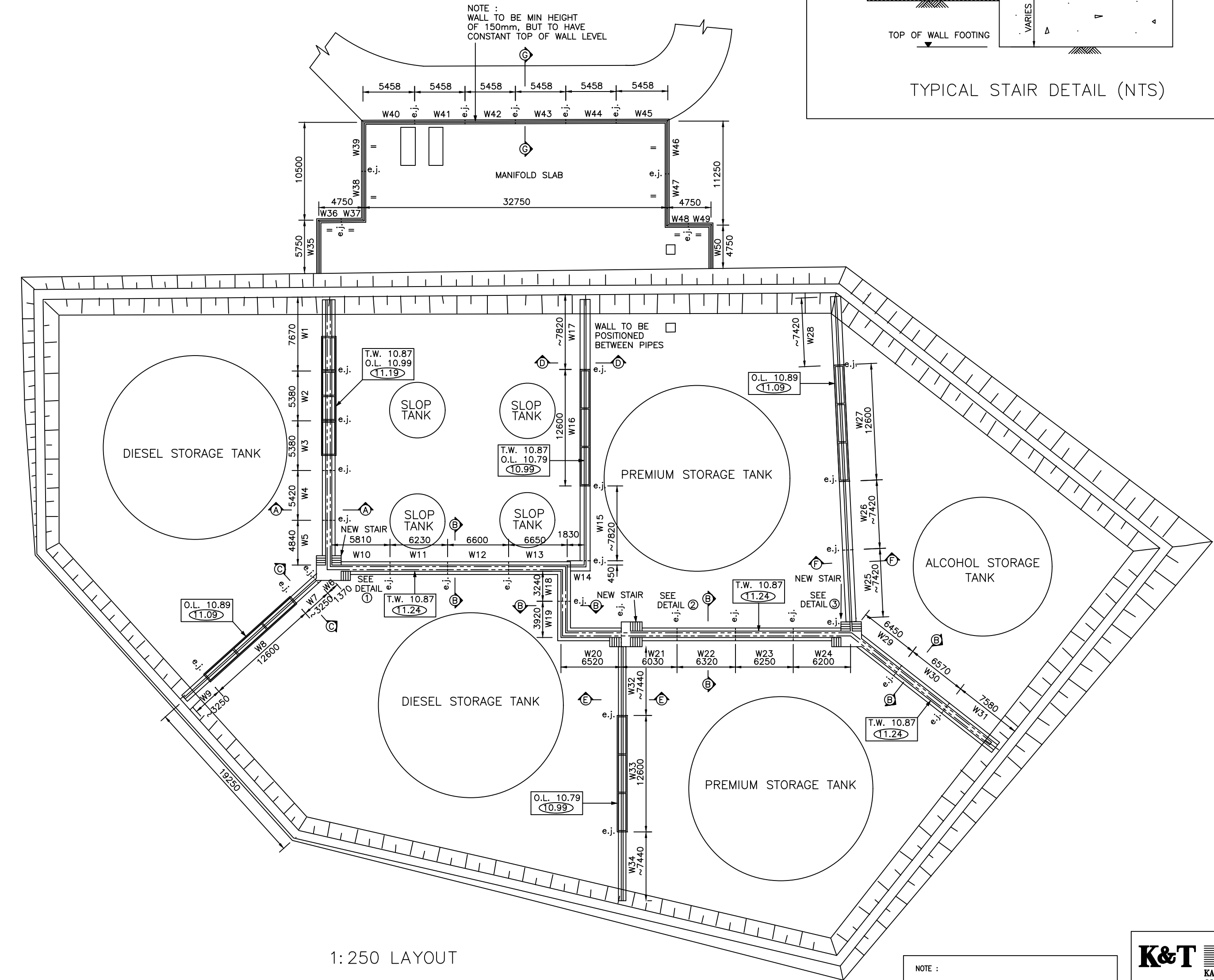
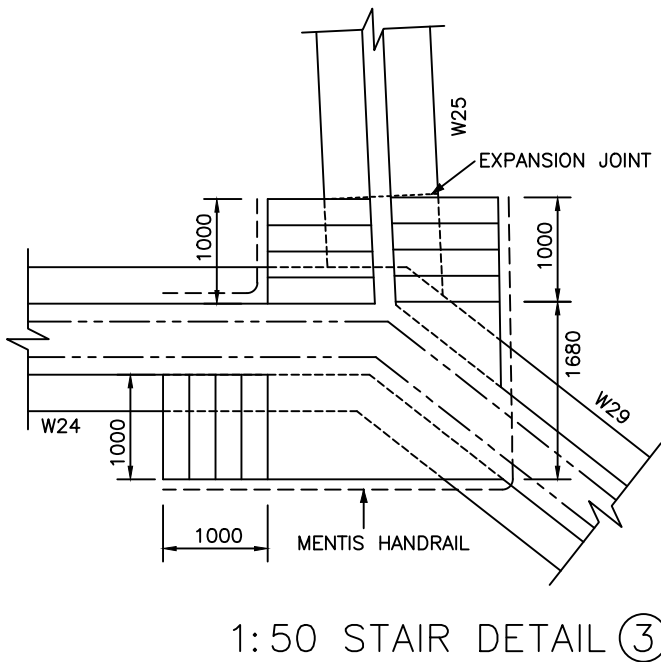
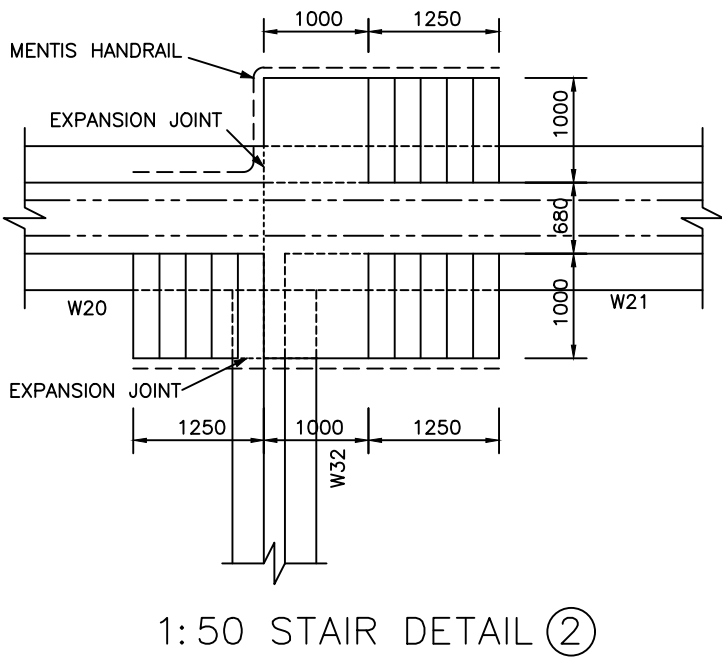
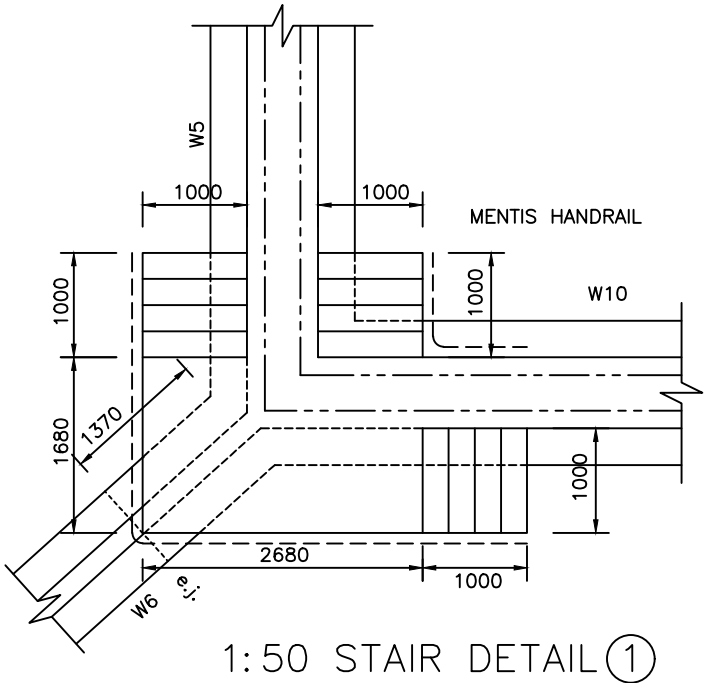
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REVISIONS		
PROJECT NAME		
WITSBANK PUMP STATION		
DRAWN	C.B.D.	REF.
TRACED	CAD	DATE FEB '93
CHECKED	APPROVED	
SCALE	1:250	
DRAWING No.	PI	REV 01



LEGEND	
T.W. 11.00	EXISTING TOP OF WALL LEVEL
O.L. 10.50	NEW OVERFLOW LEVEL
10.99	NEW TOP OF WALL LEVEL
	NEW UNDERFLOW / OVERFLOW WEIR
	EXPANSION JOINT
	EXISTING BRICK WALL
W4	WALL NUMBER



- NOTES:
1. REINFORCED CONCRETE REQUIRED WORKS CUBE STRENGTH AT 28 DAYS SHALL BE 30MPa.
 2. CONCRETE COVER TO REINFORCEMENT TO BE 50mm.
 3. WALLS TO BE CAST IN PANELS BETWEEN EXPANSION JOINTS, NO CONSTRUCTION JOINTS ALLOWED.
 4. FOR DETAIL OF PIPE PENETRATION THROUGH BUND WALLS SEE DRG. No. 4989/2/2.
 5. SEE BENDING SCHEDULE FOR REINFORCEMENT.
 6. HANDRAIL TO BE ANDREW MENTIS OR SIMILAR APPROVED.
 7. ALL DIMENSIONS TO BE VERIFIED ON SITE
 8. REFER TO DRG. NO. 4984/2/2 FOR SECTIONS



NOTE :
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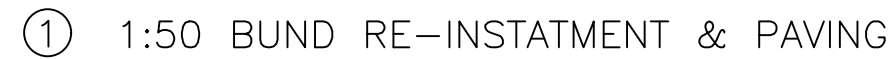
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DRAWING No. 4984/2/1
CAD FILE NAME : 4984-2-1.DWG

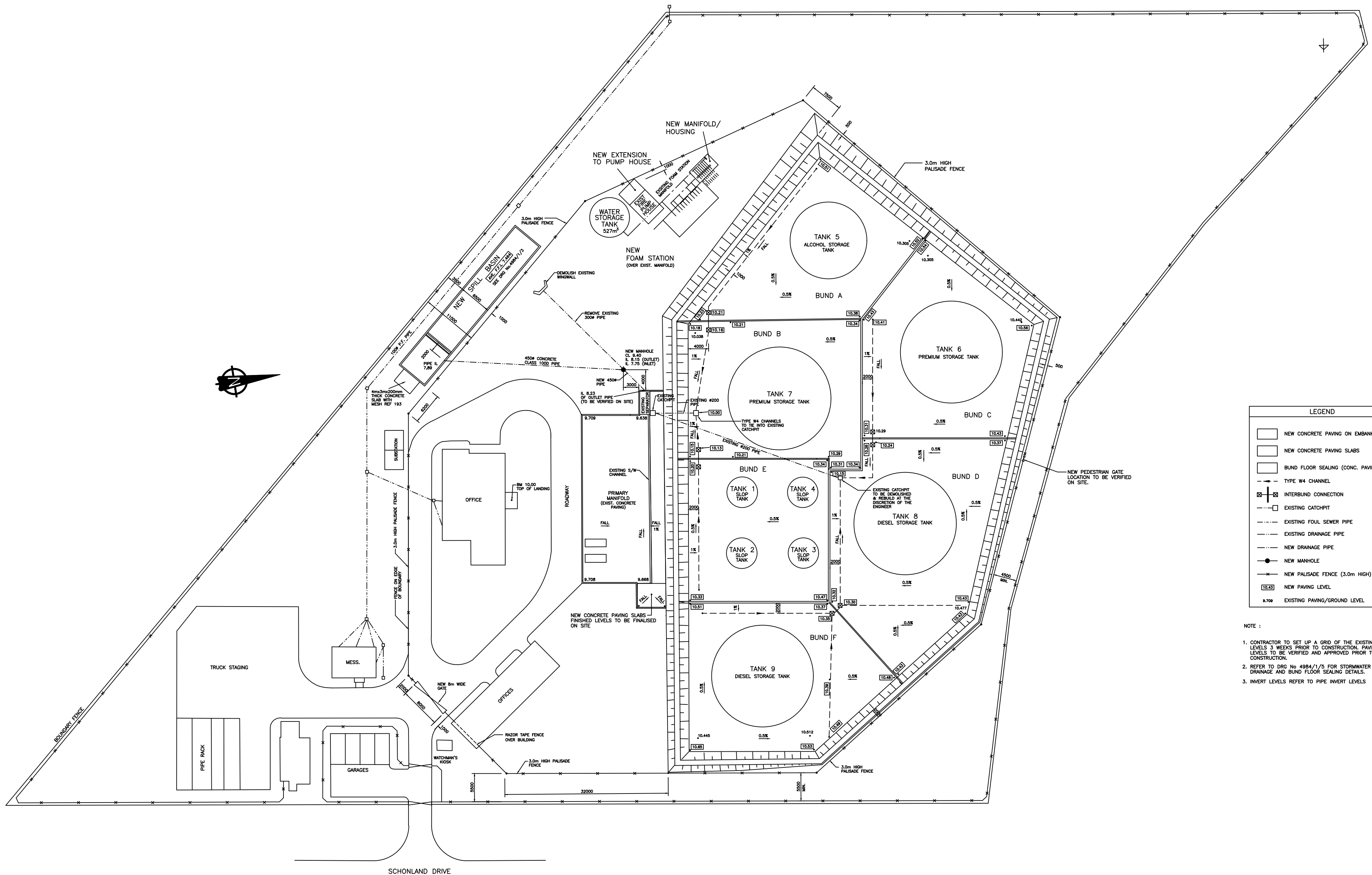
PETRONET

BUND WALL LAYOUT

01	AS BUILT	10-4-96
REVISIONS		
PROJECT NAME		
WITBANK PUMP STATION		
DRAWN	A.I.C.	REF.
TRACED	CAD	DATE 11-3-93
CHECKED	APPROVED	
SCALE AS SHOWN		
DRAWING No.	REV	
PL	01	



01	AS BUILT		CD	04/96	
REVISONS					
PROJECT NAME					
WITBANK PUMP STATION					
DRAWN	B.B.	REF.			
TRACED	CAD	DATE	MAR '93		
CHECKED		APPROVED			
SCALE AS SHOWN					
DRAWING No.				REV	
P					01



LEGEND	
	NEW CONCRETE PAVING ON EMBANKMENT
	NEW CONCRETE PAVING SLABS
	BUND FLOOR SEALING (CONC. PAVING SLABS)
	TYPE W4 CHANNEL
	INTERBUND CONNECTION
	EXISTING CATCHPIT
	EXISTING FOUL SEWER PIPE
	EXISTING DRAINAGE PIPE
	NEW DRAINAGE PIPE
	NEW MANHOLE
	NEW PALISADE FENCE (3.0m HIGH)
	NEW PAVING LEVEL
	EXISTING PAVING/GROUND LEVEL

- NOTE :
- CONTRACTOR TO SET UP A GRID OF THE EXISTING GROUND LEVELS 3 WEEKS PRIOR TO CONSTRUCTION. PAVING LEVELS TO BE VERIFIED AND APPROVED PRIOR TO CONSTRUCTION.
 - REFER TO DRG No 4984/1/5 FOR STORMWATER DRAINAGE AND BUND FLOOR SEALING DETAILS.
 - INVERT LEVELS REFER TO PIPE INVERT LEVELS

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DRAWING No. 4984/1/2 CAD FILE NAME : 4984-1-2.DWG

PETRONET
SITE LAYOUT : BUND FLOOR SEALING
DRAINAGE AND FENCING

NOTE :
THIS DRAWING HAS BEEN DIGITISED
FROM PETRONET DRAWING DRG GS175

01	AS BUILT	10-4-98
REVISIONS		
PROJECT NAME		
WITSBANK PUMP STATION		
DRAWN	F.J.	REF.
TRACED	CAD	DATE FEB 1993
CHECKED	APPROVED	
SCALE 1:250		REV
DRAWING No. PL		01

