

NOTES:

1. CAST IN PLACE CONCRETE SHALL BE CONSTRUCTED WITH 20mm dia. 100mm concrete bars with lap on fly and lapped vertically. JOINTS SHALL BE MADE WITH A 100mm dia. CORE AND FRANK.
2. EXISTING CONCRETE SHALL BE REINFORCED WITH 20mm dia. 100mm concrete bars with lap on fly and lapped vertically. JOINTS SHALL BE MADE WITH A 100mm dia. CORE AND FRANK.
3. EXISTING CONCRETE SHALL BE REINFORCED WITH 20mm dia. 100mm concrete bars with lap on fly and lapped vertically. JOINTS SHALL BE MADE WITH A 100mm dia. CORE AND FRANK.
4. CAST IN PLACE CONCRETE SHALL BE CONSTRUCTED WITH 20mm dia. 100mm concrete bars with lap on fly and lapped vertically. JOINTS SHALL BE MADE WITH A 100mm dia. CORE AND FRANK.
5. DRILL AND PLACE ANCHORS.
6. JACK UP AND SET ANCHORS (PER ANCHORS IN CONTACT WITH NEW BEAM BRITISH ANCHORS IN CONTACT WITH EXISTING BEAM) WITH CONCRETE.
7. REINFORCE CONCRETE BEAM AND REPLACE ANCHORS WITH NEW CONCRETE.

PROPOSED STRUCTURE:

- 1. CONCRETE BEAM TO SUPPORT EXISTING 1800mm DIVERSION PIPE (CONCRETE AND REINFORCE ALTERNATIVE METHOD FOR BRIDGING APPROVAL).
- 2. EXISTING CONCRETE SHALL BE REINFORCED WITH 20mm dia. 100mm concrete bars with lap on fly and lapped vertically. JOINTS SHALL BE MADE WITH A 100mm dia. CORE AND FRANK.
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- 7. REINFORCE CONCRETE BEAM AND REPLACE ANCHORS WITH NEW CONCRETE.

AS BUILT

NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
2	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
3	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
4	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
5	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
6	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
7	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
8	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
9	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS
10	ISSUED FOR CONSTRUCTION	10/11/07	AS	AS

PROJECT: RIVER LET SPRINGS AND INTERSECTION SCHEM. NO. 1

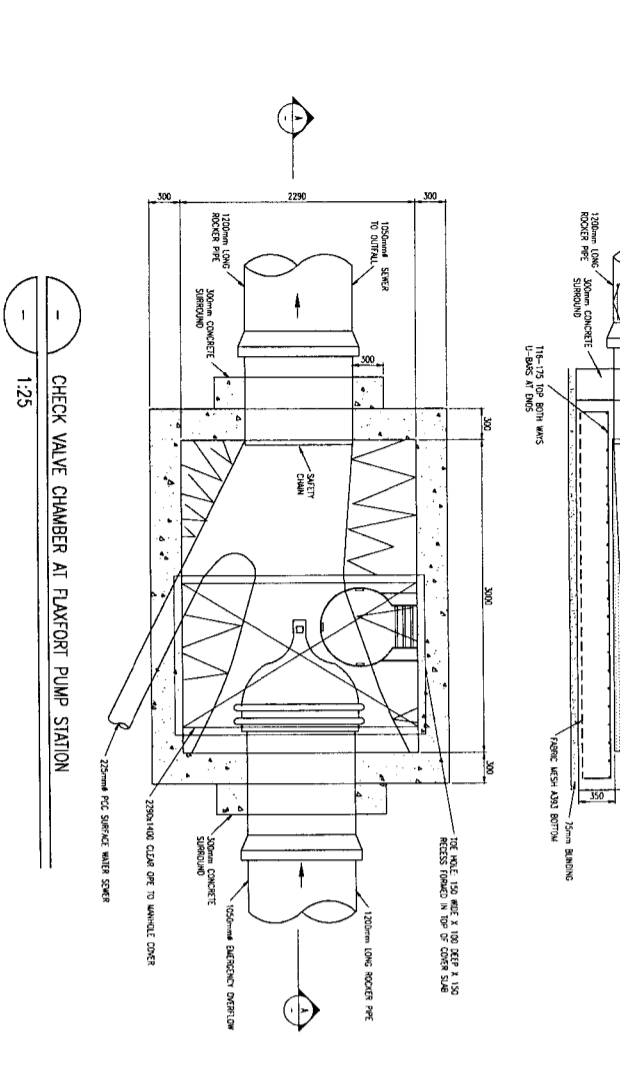
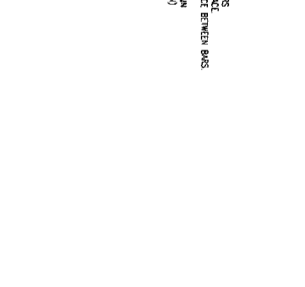
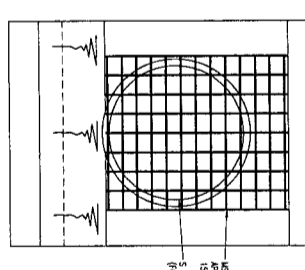
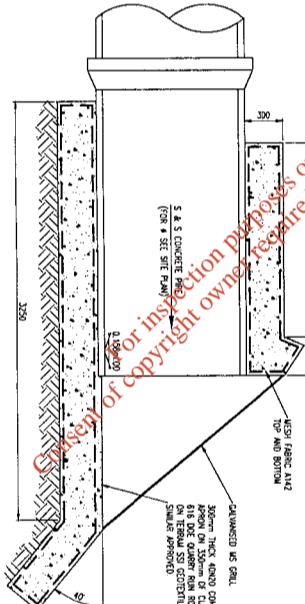
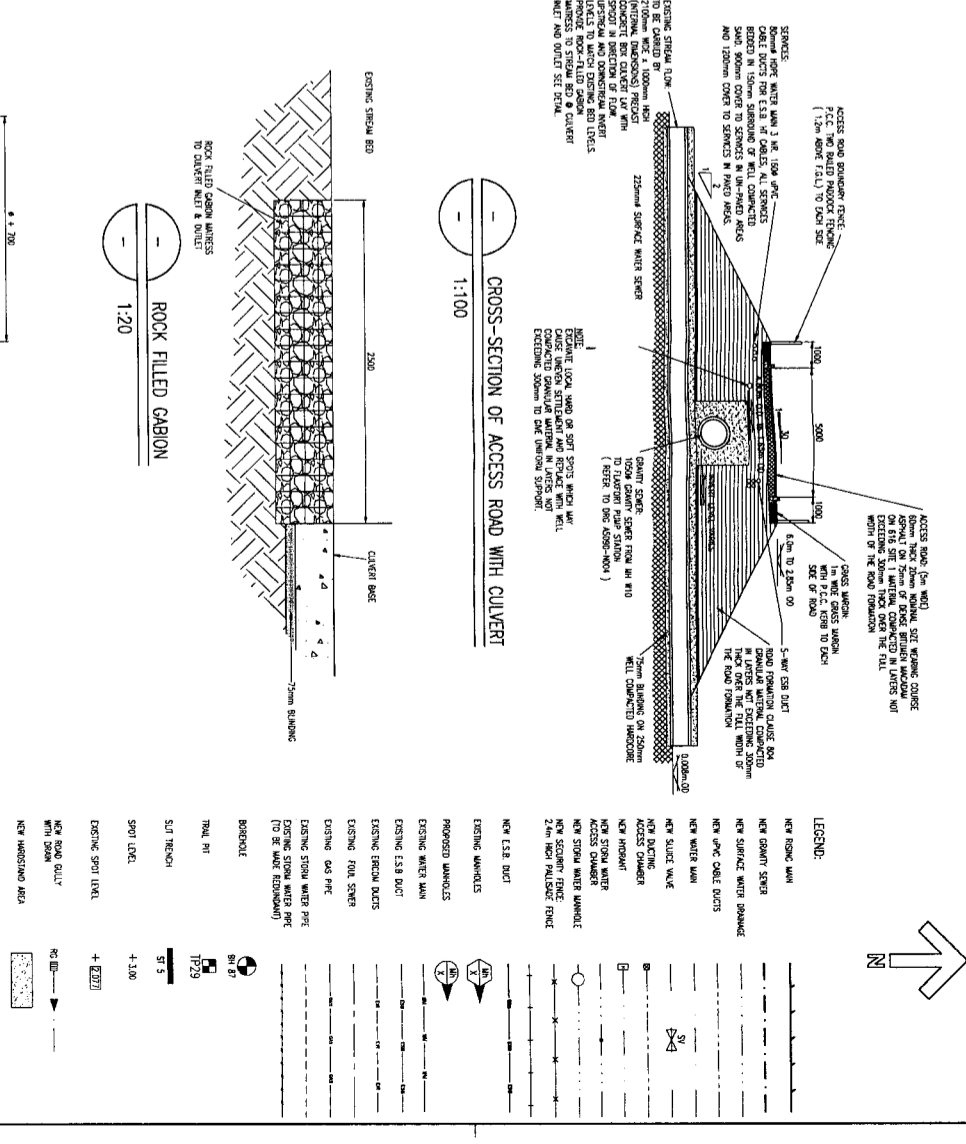
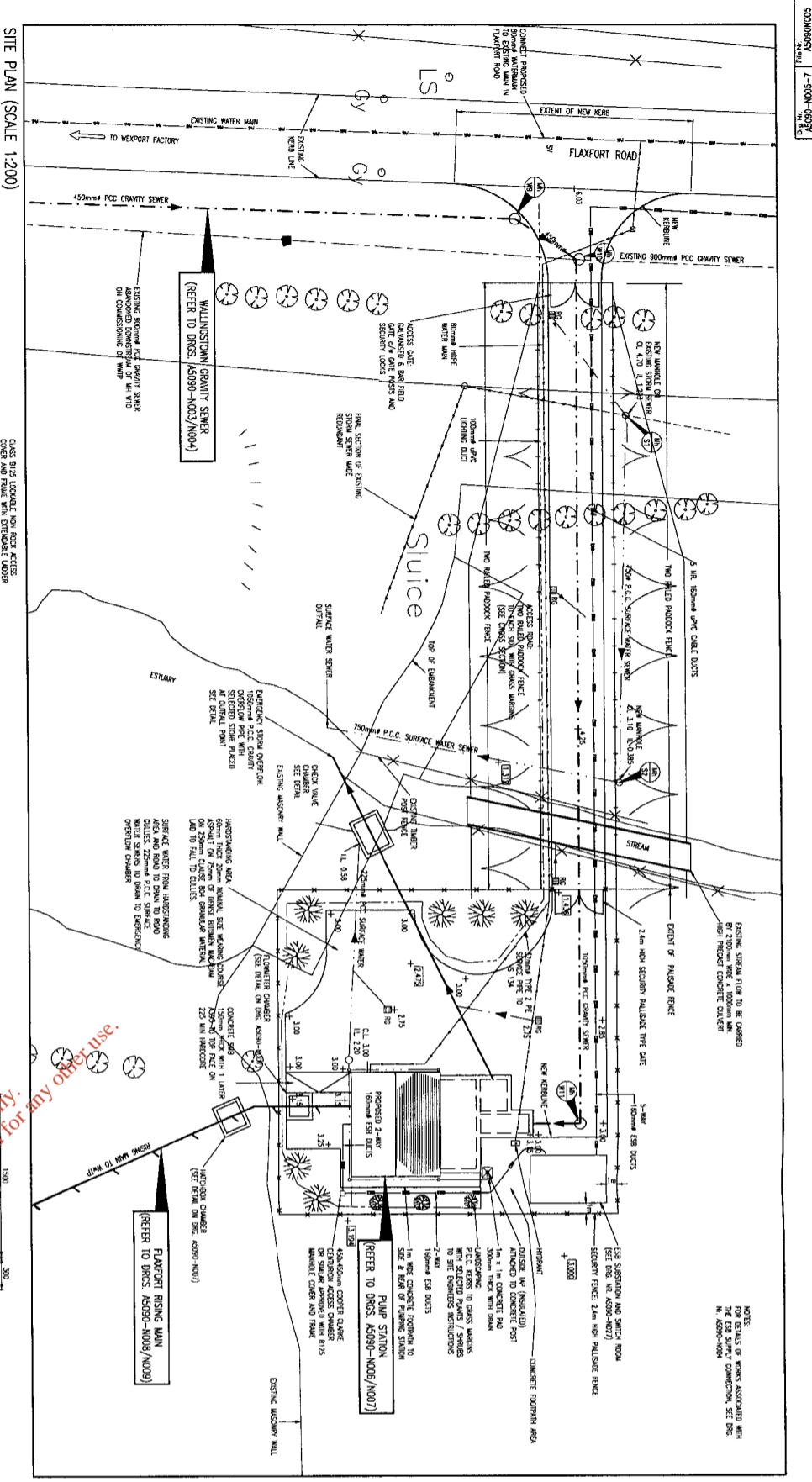
CLIENT: CORK CITY COUNCIL, CORK MAIN DRAINAGE SCHEME PHASE 1

DESIGNER: PETTIT

DATE: 10/11/07

SCALE: 1:50

SD01
De Henry



ACCESS ROAD TO FLAXFORT PUMP STATION

CHANGING	GROUND LEVEL	DATEUM - 5.0m O.D.
5.9	5.9	5.9
10.84	6.00	10.84
57.75	4.75	57.75
70.75	3.00	70.75
82.32		82.32
89.21		89.21
95.64	3.00	95.64

FLAXFORT PUMP STATION EMERGENCY STORM OVERT

CHANGING (M)	GRADIENT	PIPE DIAMETER	INVERT LEVEL	GROUND LEVEL	DATEUM - 5.00m O.D.
5.9	1/200	750mm P.C.C. SURFACE WATER	5.9	5.9	5.9
10.84	1/200	750mm P.C.C. SURFACE WATER	10.84	10.84	10.84
57.75	1/200	750mm P.C.C. SURFACE WATER	57.75	57.75	57.75
70.75	1/200	750mm P.C.C. SURFACE WATER	70.75	70.75	70.75
82.32			82.32	82.32	82.32
89.21			89.21	89.21	89.21
95.64	1/115	750mm P.C.C. SURFACE WATER	95.64	95.64	95.64

SURFACE WATER SEWER

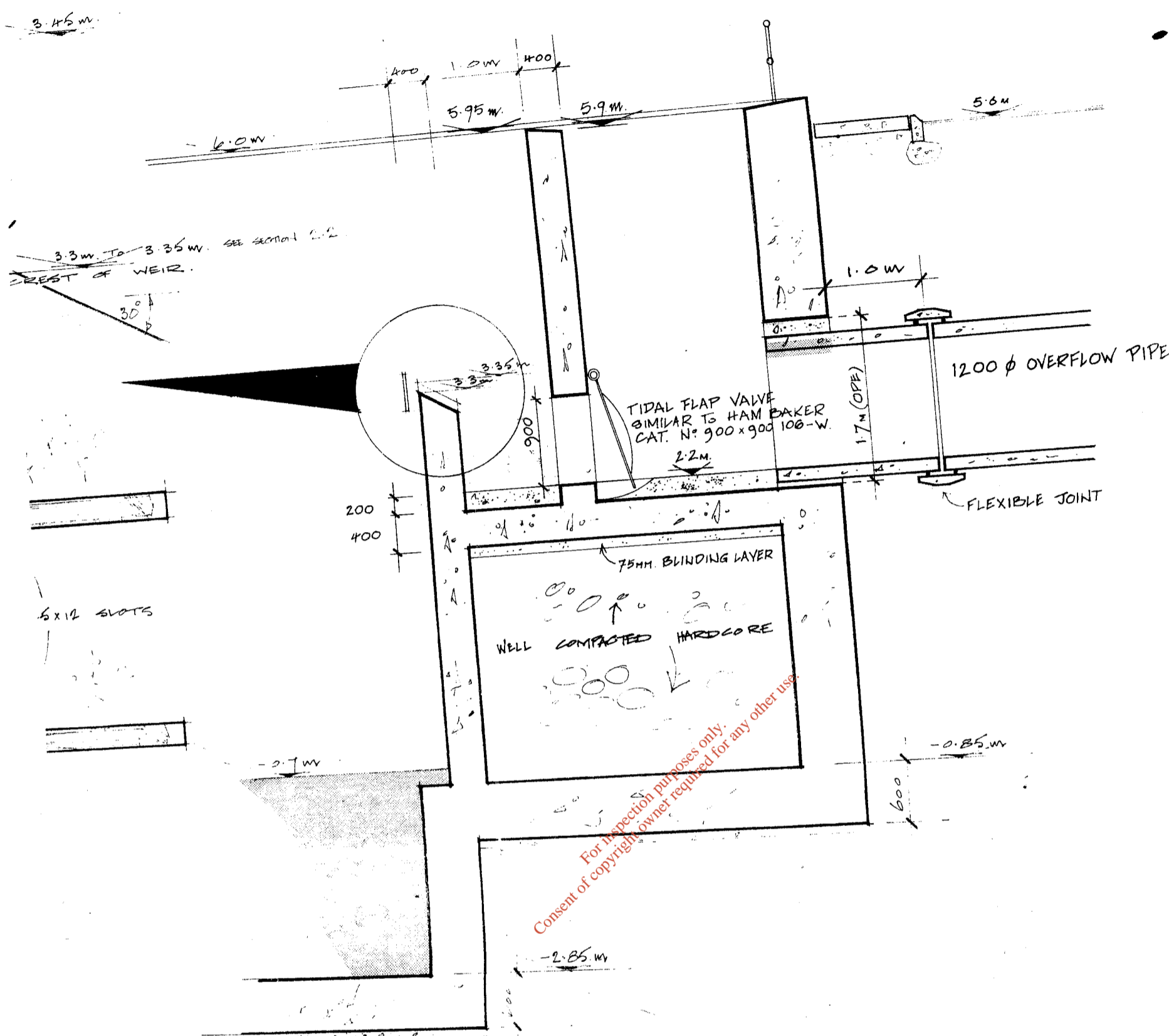
CHANGING (M)	GRADIENT	PIPE DIAMETER	INVERT LEVEL	GROUND LEVEL	DATEUM - 5.00m O.D.
5.9	1/200	750mm P.C.C. SURFACE WATER	5.9	5.9	5.9
10.84	1/200	750mm P.C.C. SURFACE WATER	10.84	10.84	10.84
57.75	1/200	750mm P.C.C. SURFACE WATER	57.75	57.75	57.75
70.75	1/200	750mm P.C.C. SURFACE WATER	70.75	70.75	70.75
82.32			82.32	82.32	82.32
89.21			89.21	89.21	89.21
95.64	1/115	750mm P.C.C. SURFACE WATER	95.64	95.64	95.64

pettie E. G. Pettie & Company
 CORK COUNTY COUNCIL
 CORK COUNTY COUNCIL
 LITTLE SLANE CONTRACT
 ENVIRONMENTAL
 PLAYFORT PUMP STATION
 SITE PLAN AND PUMP STATION LAYOUT
 DRAWING NO. LS-300-3592-2
 SCALE: AS SHOWN

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SD32 PS32

B4



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Section 3 · 3

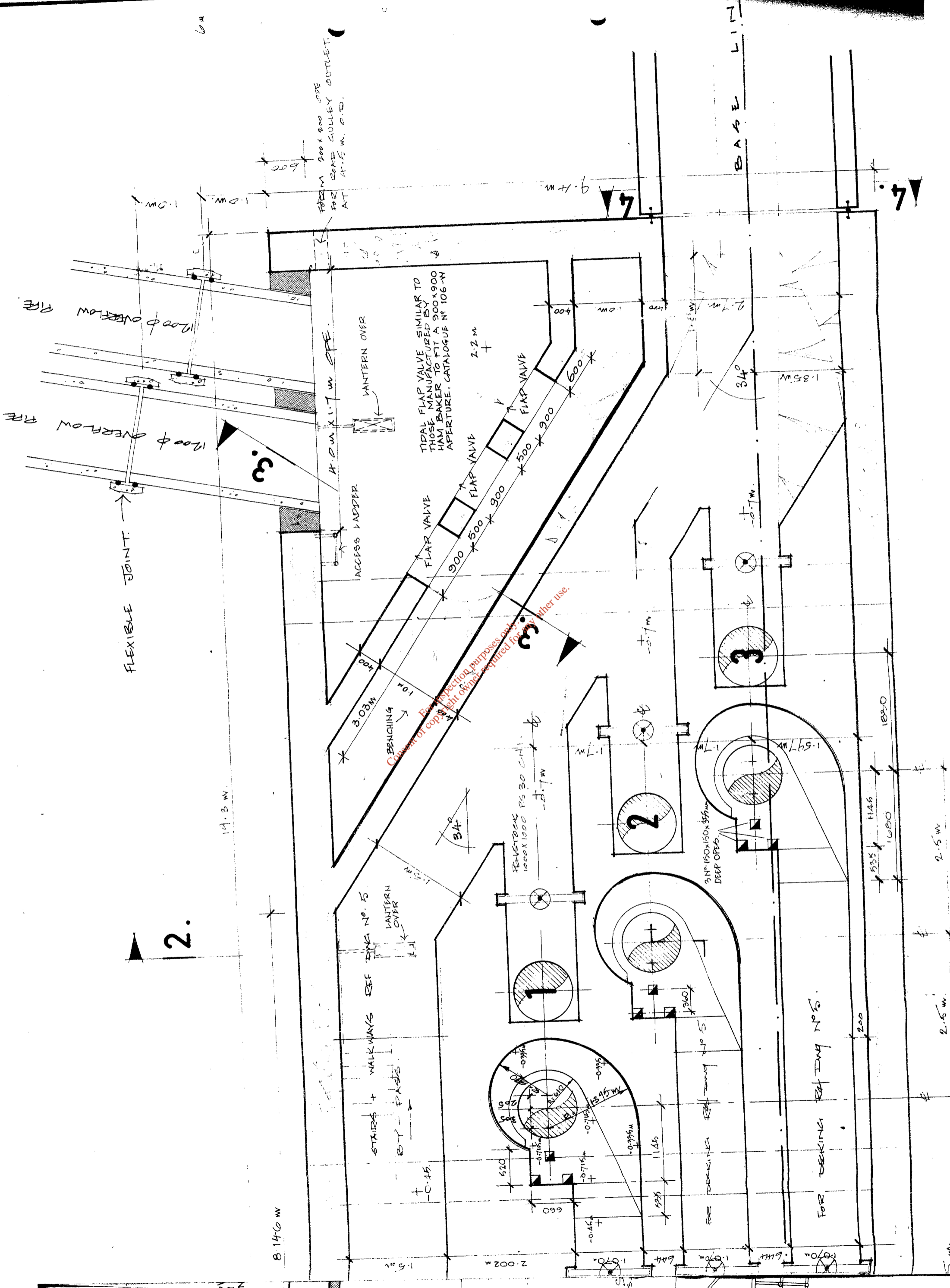
3.	9/15/82	JA
2.	8/11/83	SE
1.	10/12/82	
0.	2.4.81	

job.

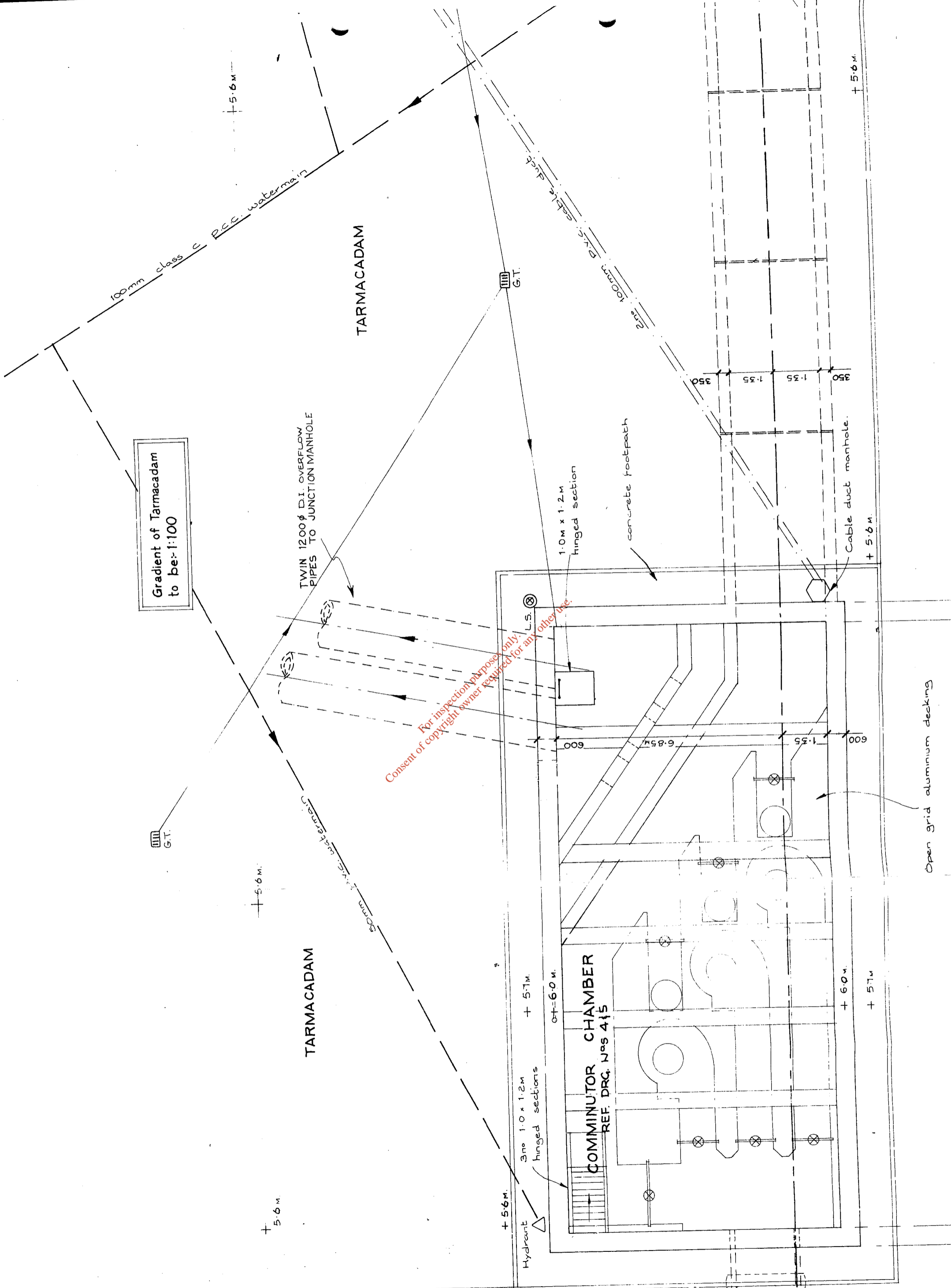
client.

title

M
C
w
b



PS 35 Ronaynes Curt PS

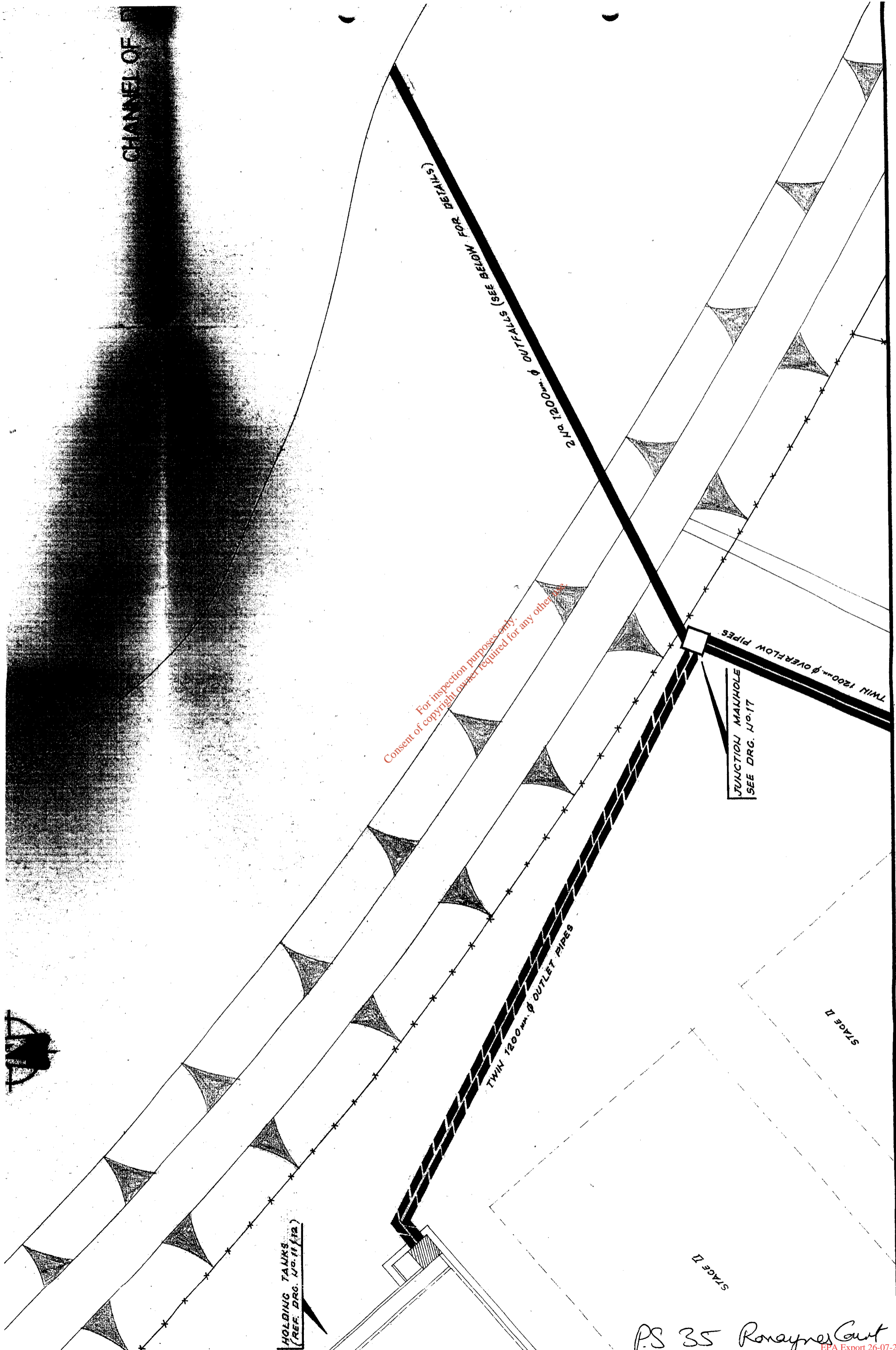


Gradient of Tarmacadam to be 1:100

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P.S 35 Ronaynes Court PS

CHANNEL OF F



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JUNCTION MANHOLE
SEE DRG. NO. 17

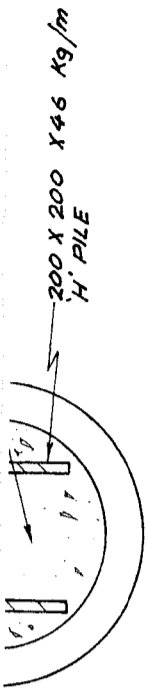
TWIN 1200mm Ø OUTLET PIPES

TWIN 1200mm Ø OVERFLOW PIPES

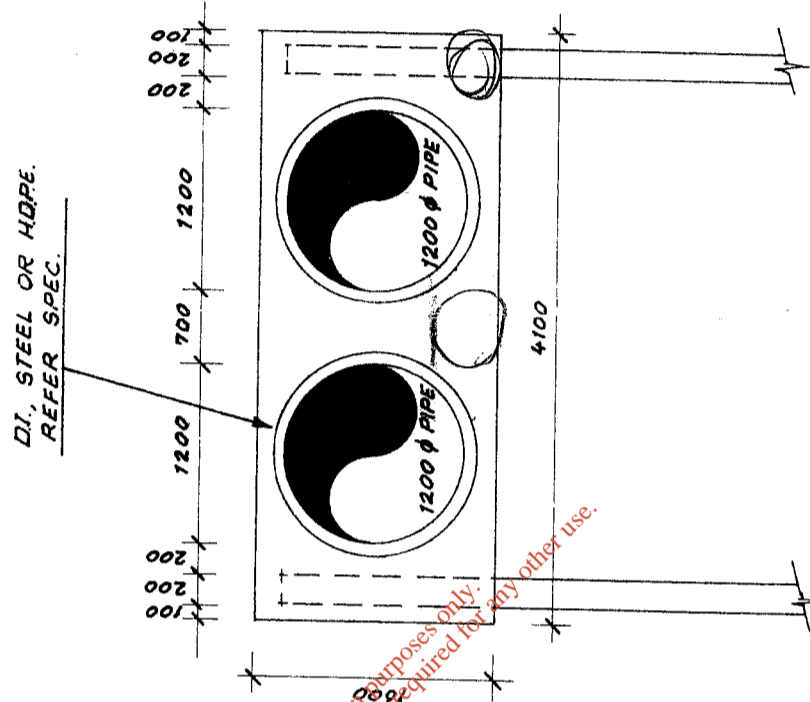
HOLDING TANKS
(REF. DRG. NO. 11/12)

P.S 35 Ronaynes Cut

LAYOUT PLAN OF OUTFALL TO CHANNEL OF DOUGLAS ESTUARY.

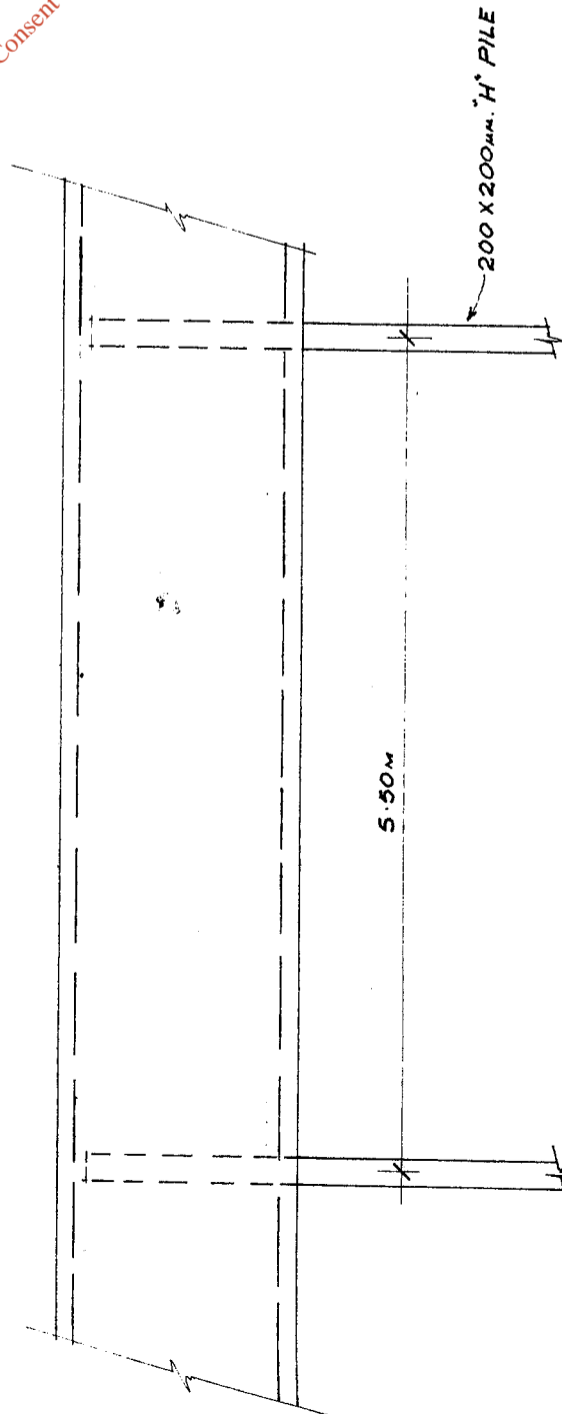


DETAIL OF 'H' PILE SCALE 1:10



SECTIONAL ELEVATION

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SIDE ELEVATION

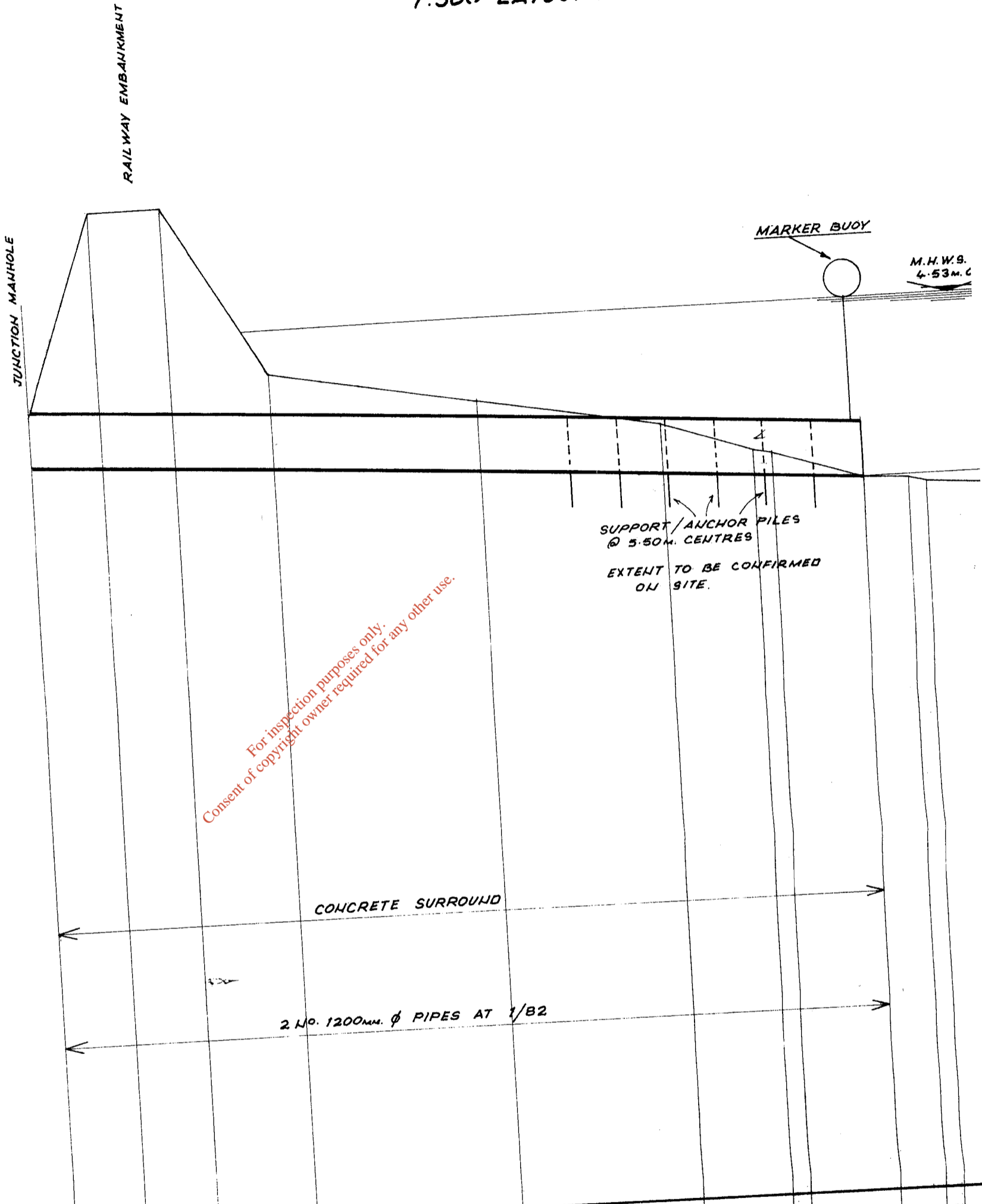
DETAIL OF ANCHORAGE FOR OUTFALL PIPES SCALE 1:50

SD 35

P.S.S. Ronaynes Court PS

1:500 LAYOUT PLAN OF OUTFALL TO CHAK

STAGE II



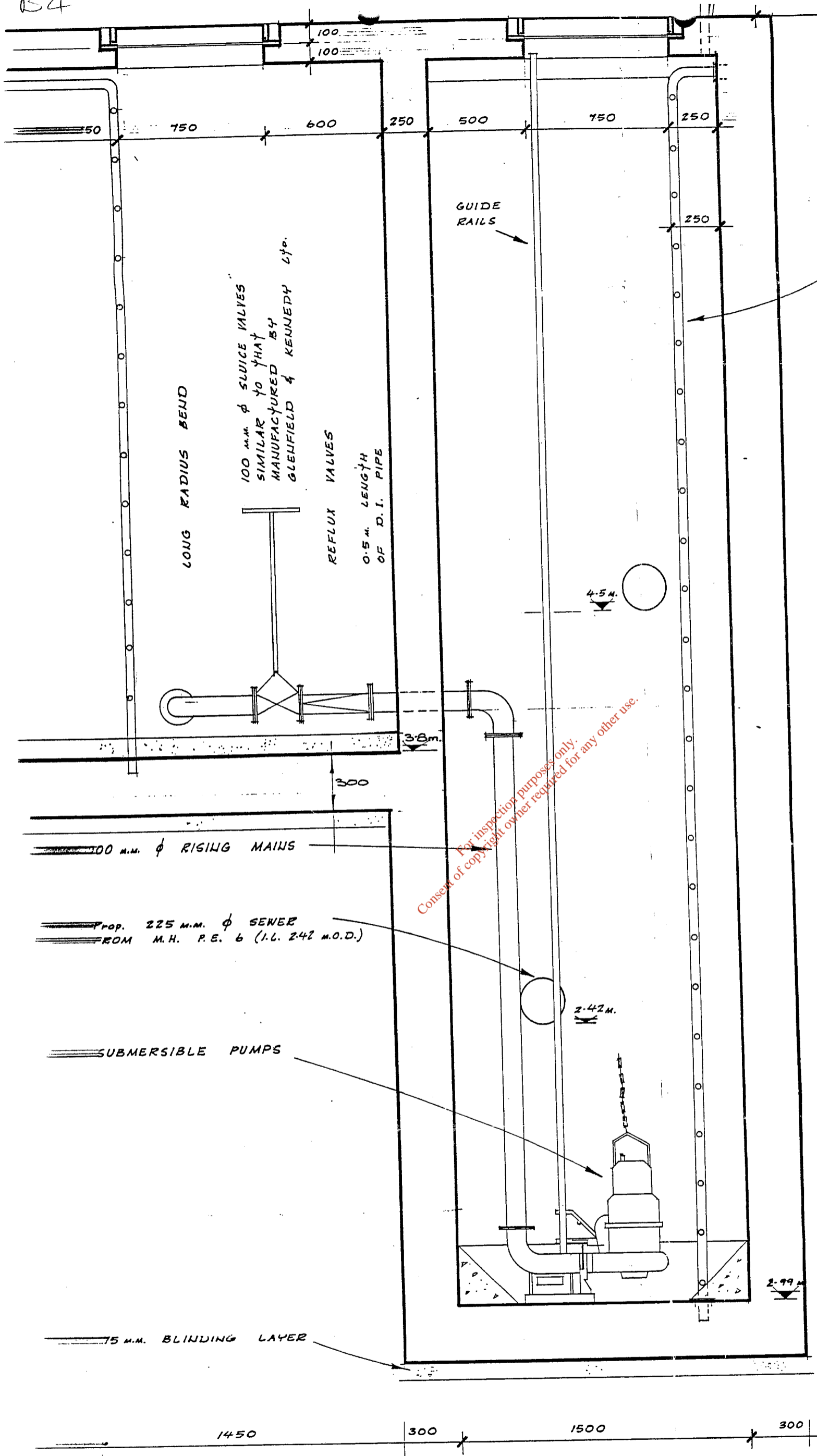
DATUM -15m. O.D.

GROUND LEVEL	3.00	7.40	7.40	3.65	2.80	2.04	1.42	0.69	0.64	0.50
INVERT LEVEL	1.83	1.73	1.64	1.50	1.22	0.96	0.84	0.69		
CHAINAGE	0	8	16	27	50	71	81	83	93	98
										100

OUTFALL FROM JUNCTION MANHOLE TO DOUGLAS RIVER
SCALE. HORIZONTAL 1:500. VERTICAL 1:100

PS 35 Ranaynes Gult

B4



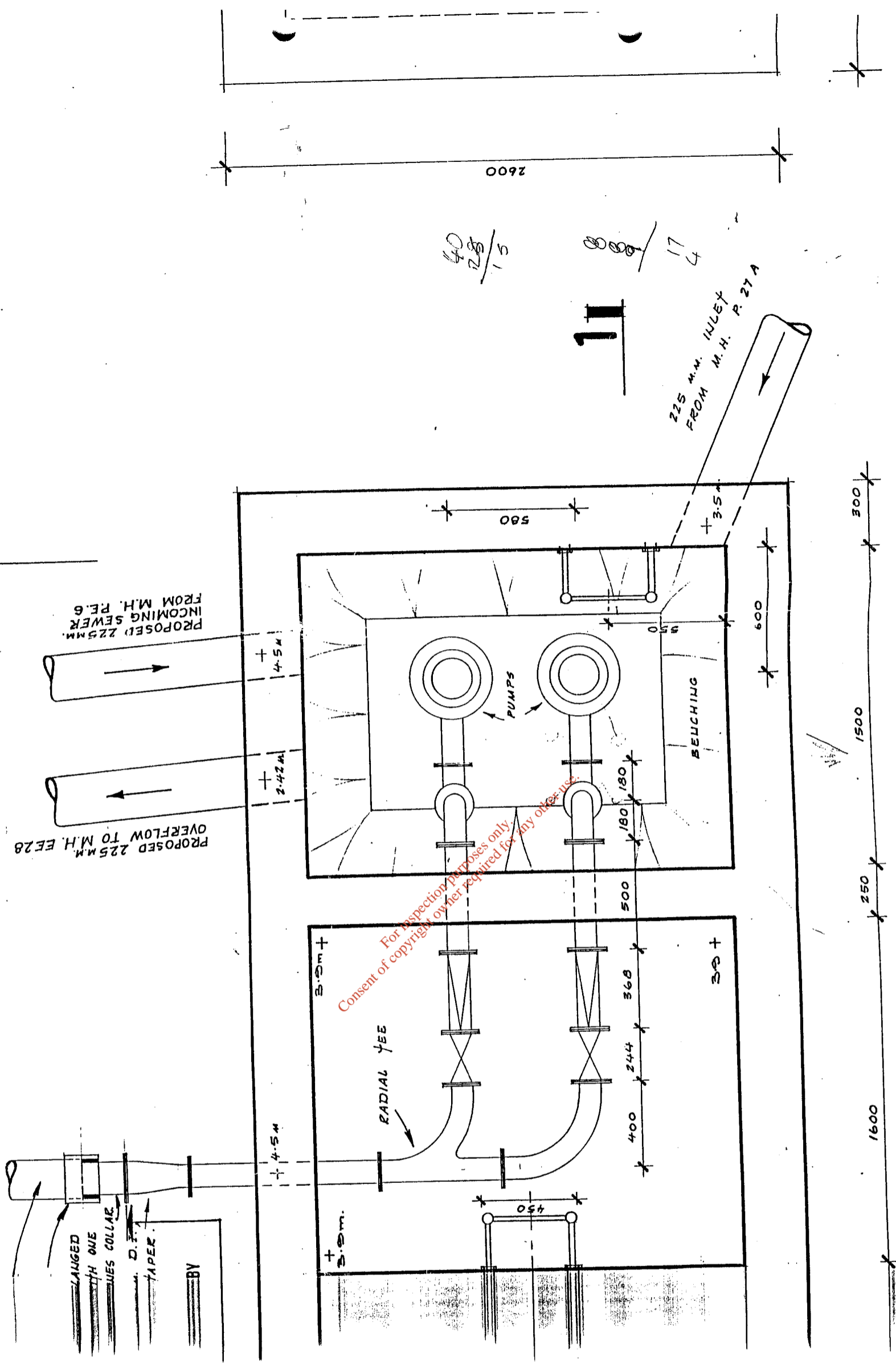
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SECTION 1-1

Rochestown Cross PS
PS 36
~~Revised~~

SECTION 1-1

2

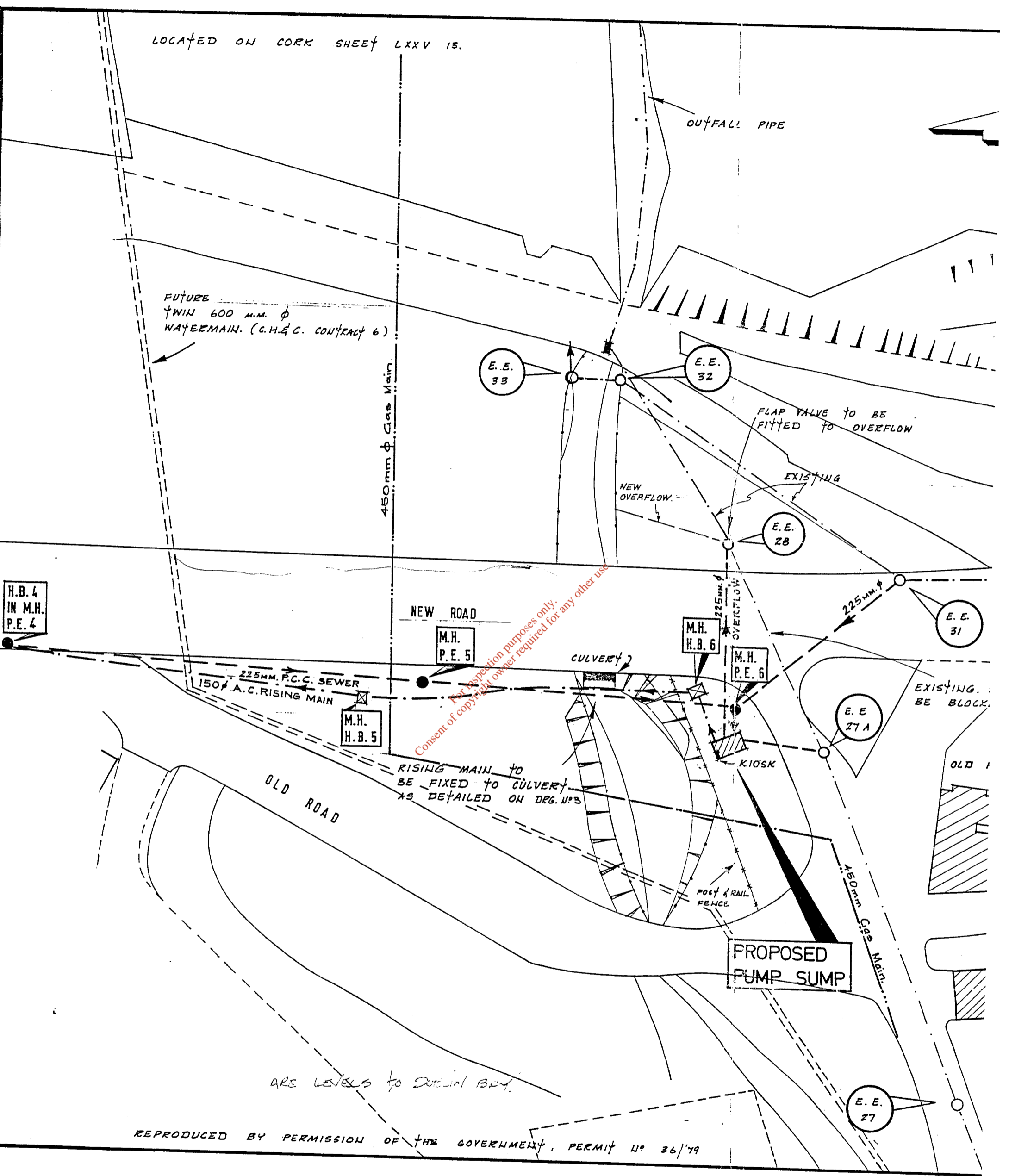


2

SECTIONAL PLAN

Rochester Cross PS
PS 36

LOCATED ON CORK SHEET LXXV 13.



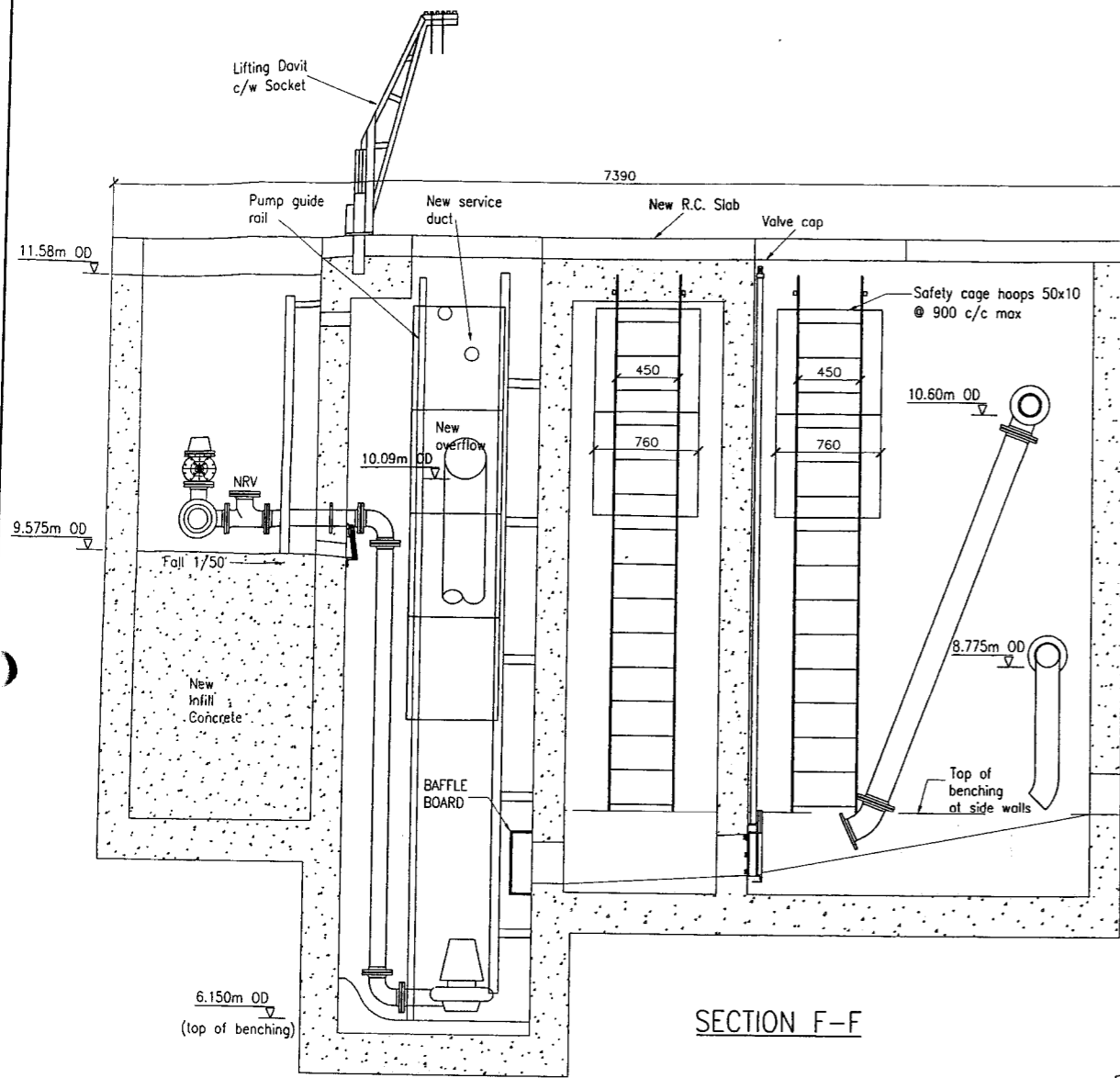
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ARE LEVELS TO DUBLIN B.M.

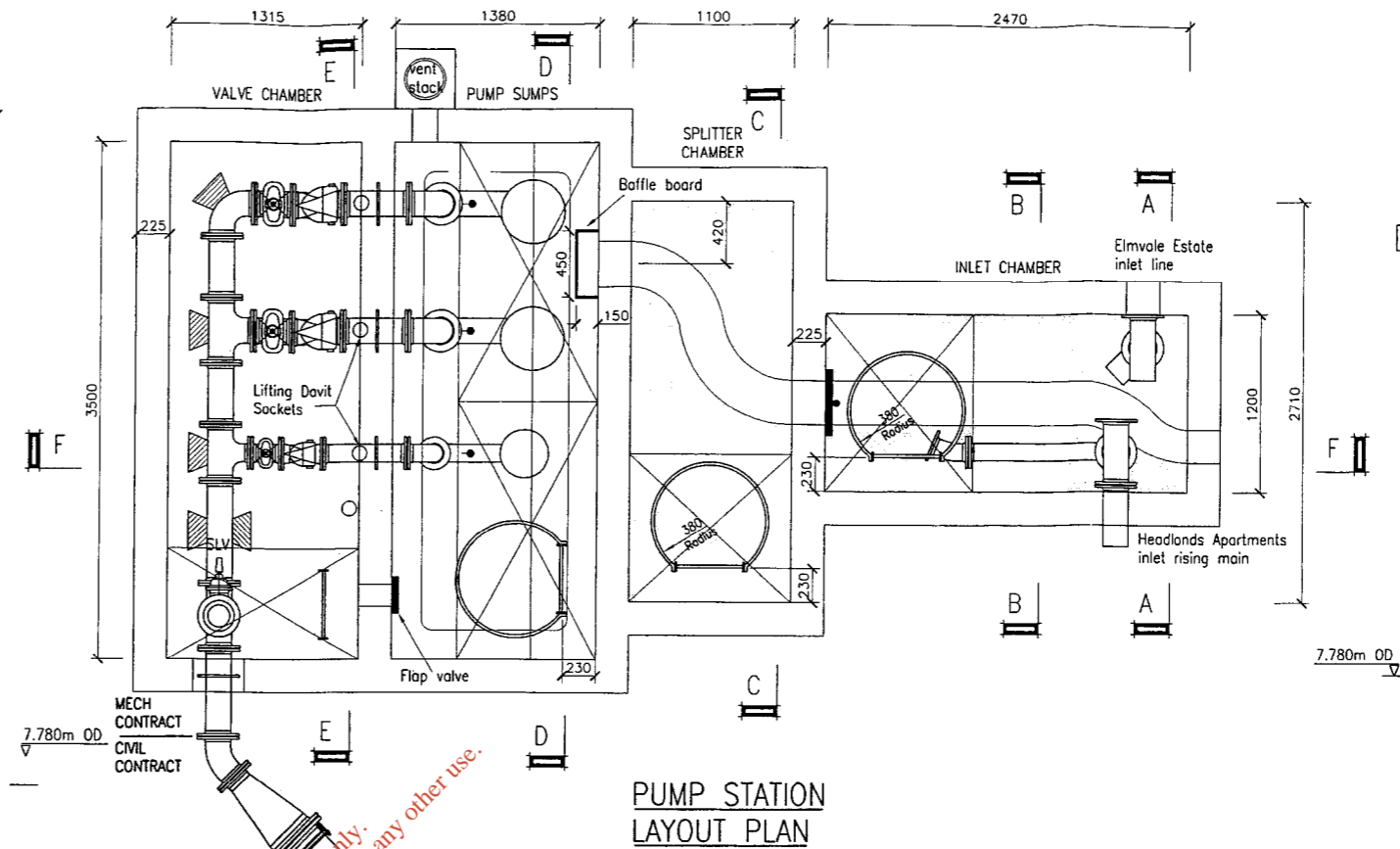
REPRODUCED BY PERMISSION OF THE GOVERNMENT, PERMIT N° 36/79

1:500 LAYOUT PLAN

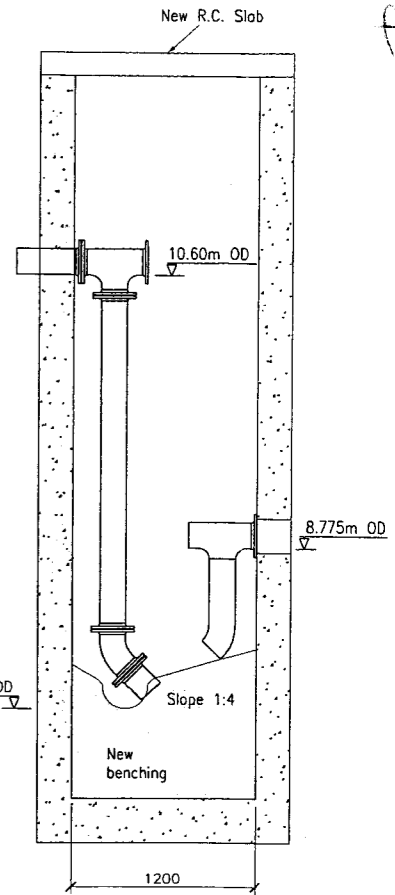
- LEGEND :
- EXISTING PIPEWORK
 - PROPOSED "
 - PROPOSED RISING MAIN



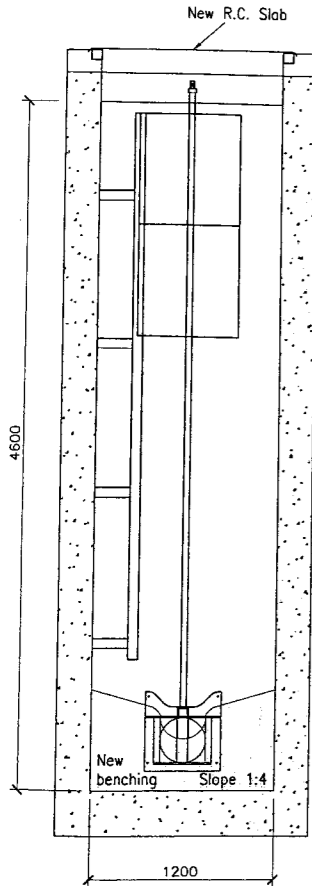
SECTION F-F



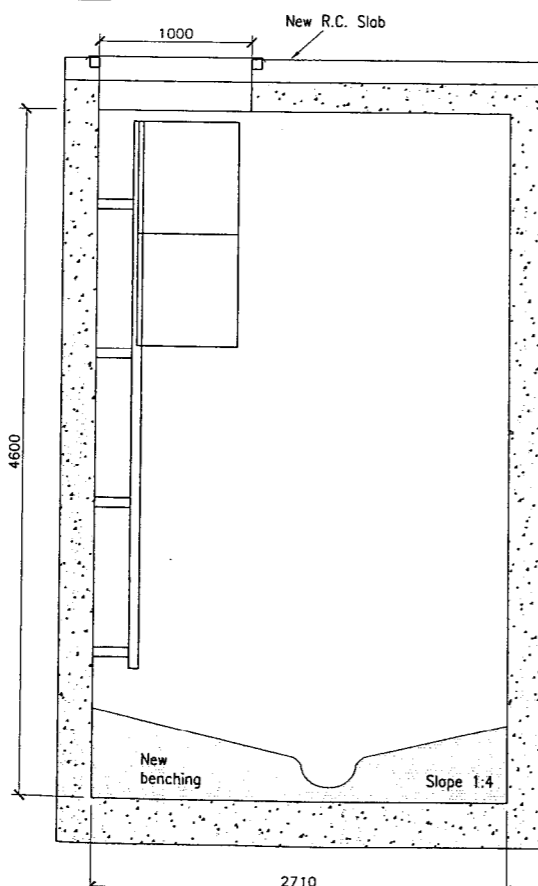
PUMP STATION LAYOUT PLAN



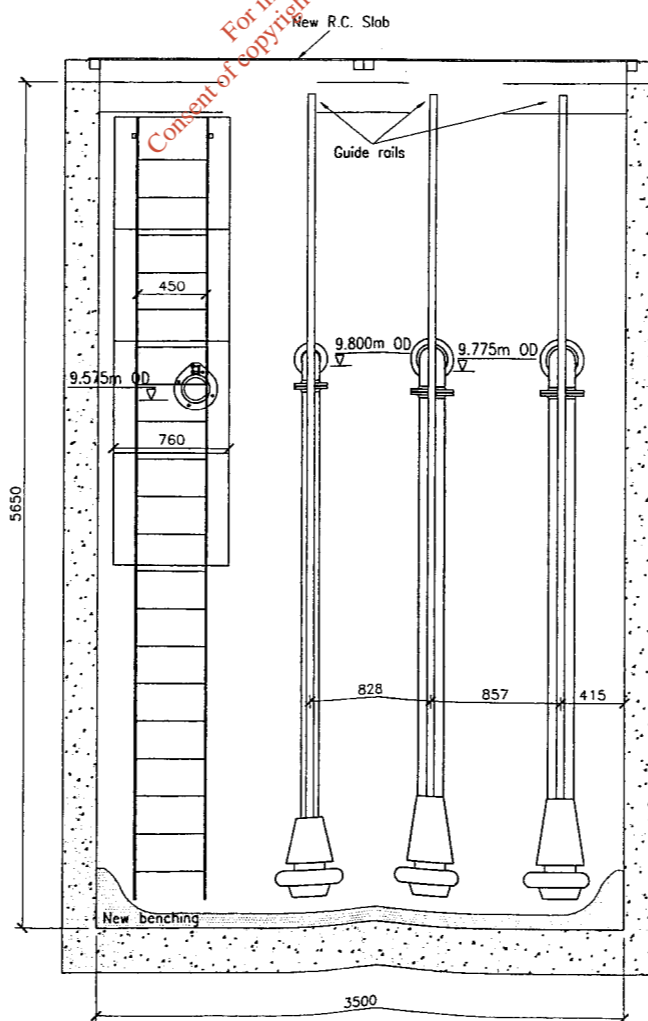
SECTION A-A



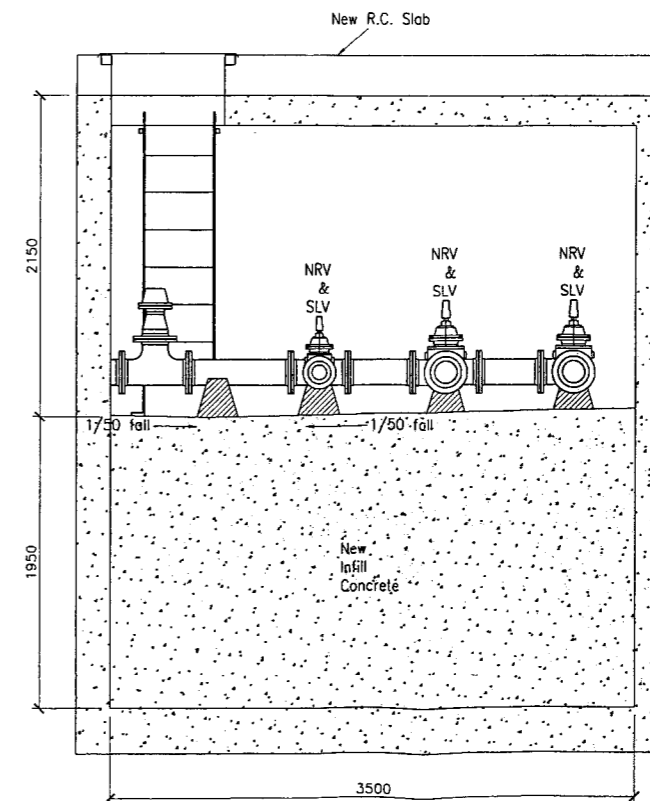
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

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Notes:

- All drawings are to be read in conjunction with all relevant Specifications, Bills of Materials, Architectural, Services and Engineering drawings.
- Any discrepancies between these documents shall be brought to the attention of the Engineer.
- All dimensions are in millimetres, unless noted otherwise.
- All levels are in metres related to Ordnance Datum.
- Drawings are not to be scaled.

Rev.	Date	Description	by	chk'd	app
2	08.01.04	ISSUED FOR AS BUILT	RT	MC	TH
1	07.11.02	RE-ISSUED FOR CONSTRUCTION	BMC	MC	TH
0	07.10.02	ISSUED FOR CONSTRUCTION	BMC	MC	TH
B	14.05.02	ISSUED FOR TENDER	BMC	MC	TH
A	23.03.02	ISSUED FOR APPROVAL	BMC	MC	TH

Project: Sarsfield Road, Pumping Station.
 Title: Chamber Details.
 CEA: Mr. E. Flynn, B.E. C.Eng., F.I.E.I., County Engineer, Cork County Council.

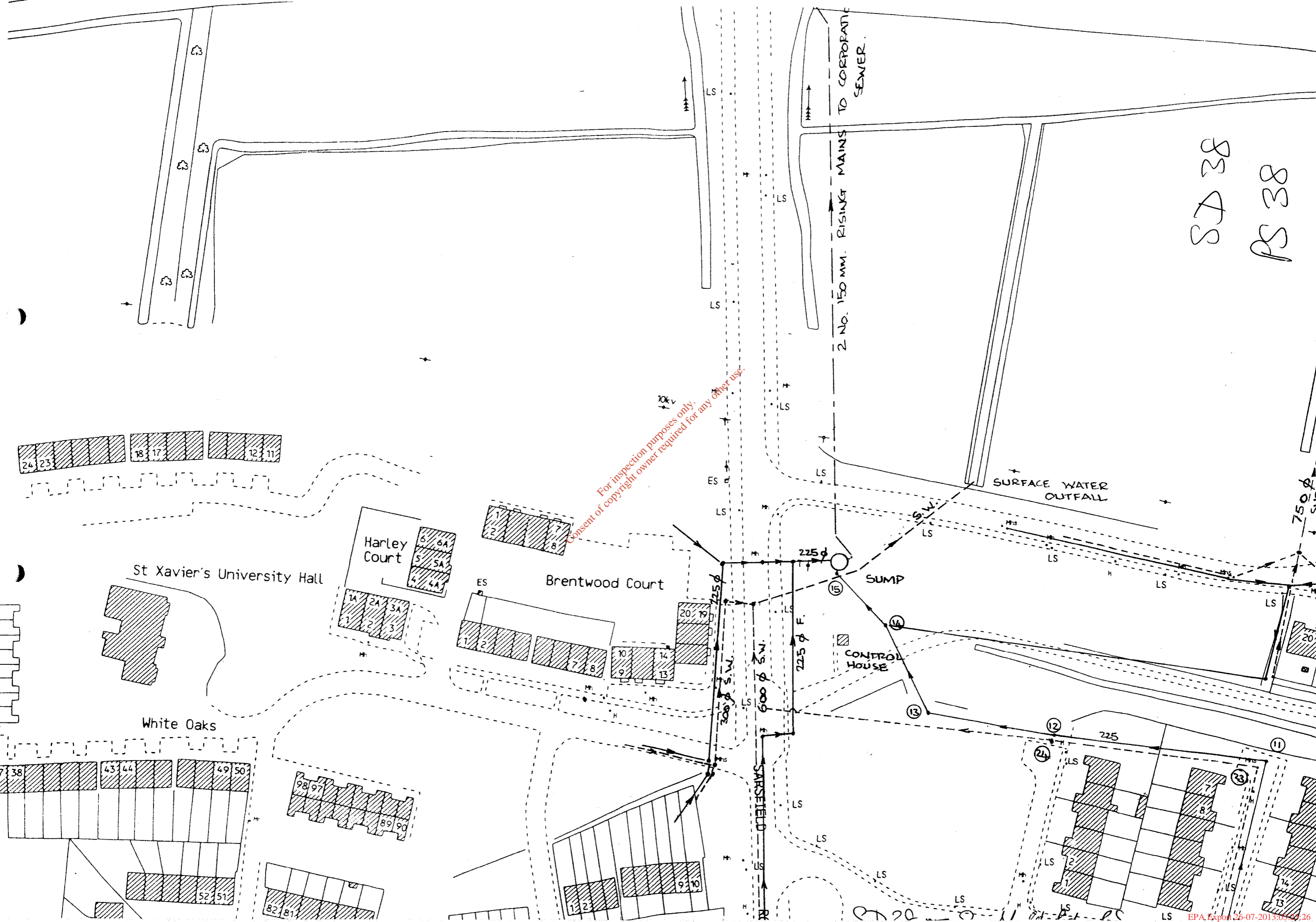
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 Park House, Mahon Technology Park,
 Bessboro Road, Blackrock, Cork.
 Tel. +353 (0)21 4536400 fax. +353 (0)21 4536450
 drawing@mwpl.ie
 Park House, 21 Denny Street Tralee
 Tel. +353 (0)66 7123404 fax. +353 (0)66 7125586
 traalee@mwpl.ie
 Suite C2, City Cloisters, 196 Old Street, London EC1V 9FR
 Tel. +44 (0)20 72530893 fax. +44 (0)20 73367034
 drawing@mwpl.co.uk

Scales (A1)		1:25	1:50	1:100	1:200	1:500	1:1000
Drawn	BMC	23.03.02					
Chkd (D.O.)	MC	23.03.02					
Chkd (Eng.)	MC	23.03.02					
Approved	TH	23.03.02					

Dwg. No.	Rev.
2903-W2	2

Sarsfield Rd P.S - P.S 38





2 No. 150 MM. RISING MAINS TO CORPORATE SEWER.

SURFACE WATER OUTFALL

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SJD 38
PS 38

St Xavier's University Hall

Harley Court

Brentwood Court

White Oaks

SUMP

CONTROL HOUSE

SARSFIELD