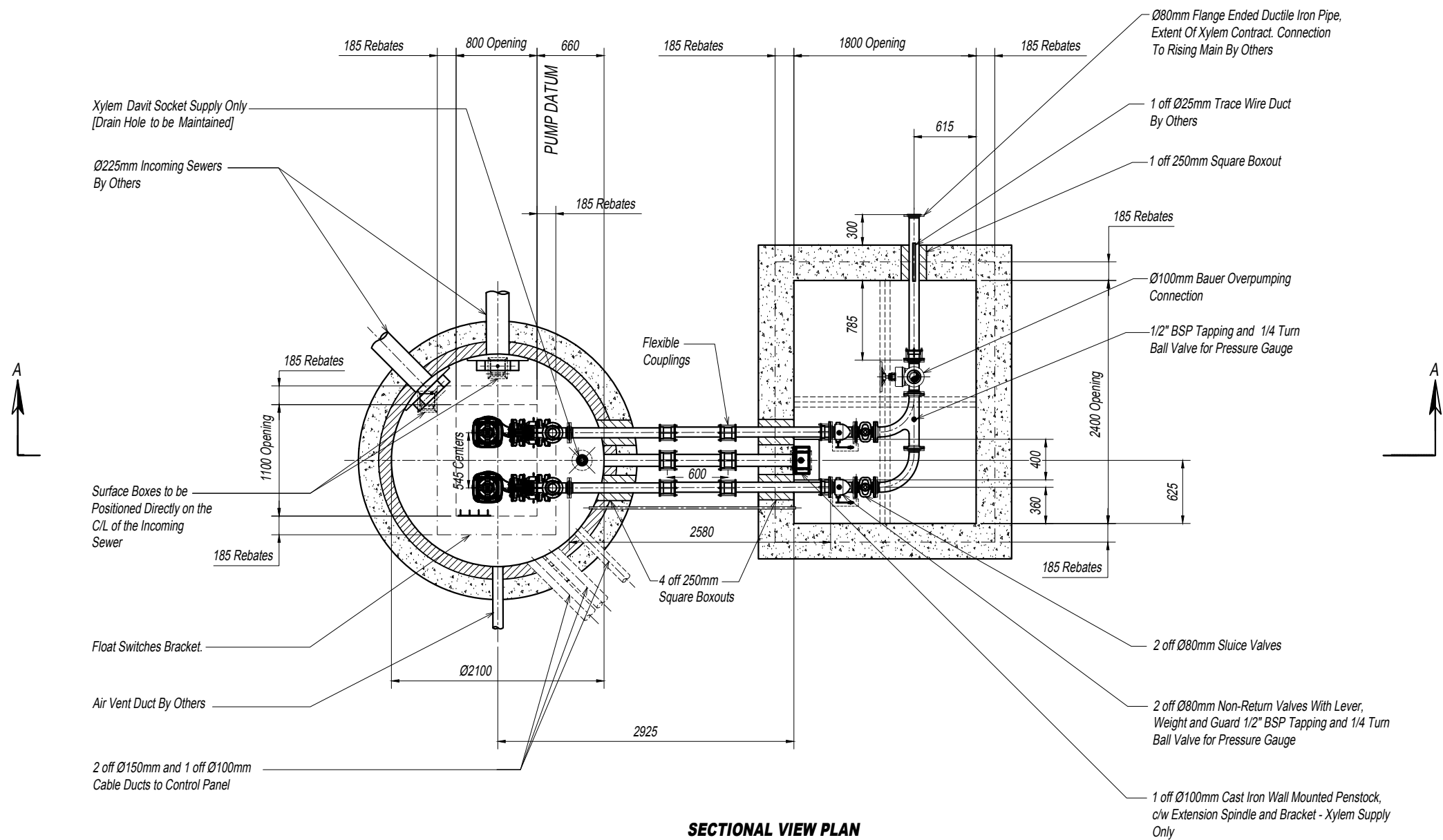




SECTIONAL VIEW PLAN

IF BOXOUT HOLES TO BE CORE DRILLED.
Civil's To Ensure All Core Drillings Are Parallel To
Centre Line / Perpendicular To Valve Chamber

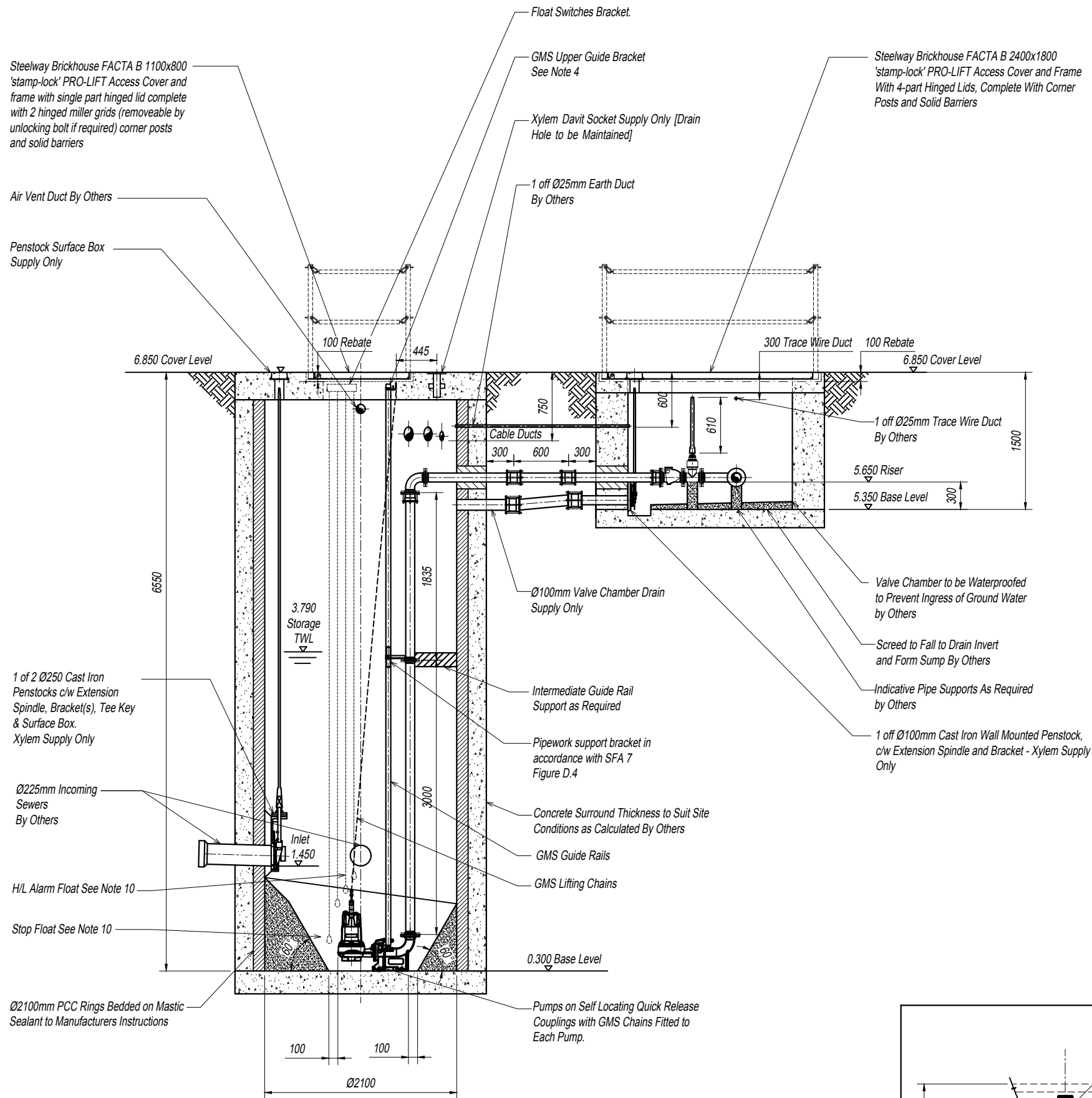
NOTES

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- REINFORCING BARS TO BE 75mm MIN. BELOW SURFACE. STRUCTURAL DETAIL ILLUSTRATIVE ONLY, MAY BE WORKED TO FOR DIMENSIONS BUT XYLEM HAVE NO DETAIL INVOLVEMENT.
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PUMP INFORMATION

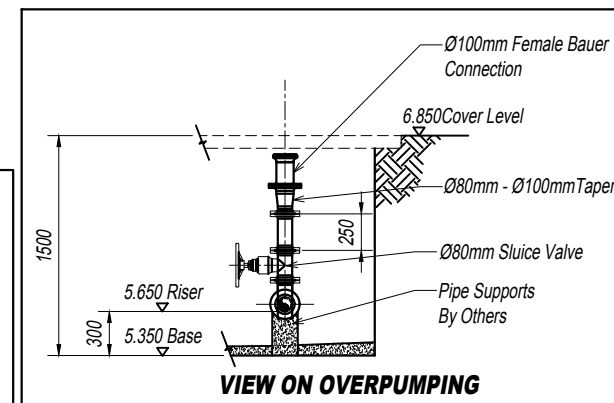
PUMP TYPE	: Concertor N80-2450
IMPELLER	: N
MOTOR RATING	: 4 kW Ex.P. 7.01A FLC
DUTY FLOW	: 7.7 L/s
HEAD GENERATED	: 14.7m
PIPE / VALVE SIZE	: Ø80mm
TYPE OF LEVEL CONTROL	: FLOAT SWITCHES
FINAL CONNECTION	: DUCTILE IRON
TERMINATION	: FLANGE ENDED
PIPE O.D.	: Ø98mm
FLANGE DATA	: PN16
RM COUPLER	: BY OTHERS

REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
FOR APPROVAL					
xylem WATER SOLUTIONS Ltd. UNIT 1, 106 HAWLEY LANE FARNBOROUGH HAMPSHIRE GU14 8JE TEL No. (01252) 513366 FAX No. (01252) 532695 Let's Solve Water					
PROJECT CINDERS LANE YAPTON WEST SUSSEX					
TITLE FOUL WATER PUMPING STATION PLAN VIEW					
CLIENT CRAYFERN HOMES LTD					
SCALE AT A1	1:25	SCALE AT A3	1:50	APR'l	PB
DATE	27/11/2019	PROJECT REF.	Q1192603	CHK'd	PCS
DATE	27/11/2019	DRAWING No.	A 6681 - 01	DR'n	KPS
DATE	27/11/2019				



VIEW ON SECTION A-A

Operating Levels	
Storage TWL	= 3.790m
Invert of Lowest Inlet	= 1.450m
Invert of H.L.A.	= 1.300m
Invert of P2 Start	= 1.150m
Invert of P1 Start	= 1.000m
Invert of B.W.L.	= 0.600m
Invert of W/W Floor	= 0.300m



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PROJECT CINDERS LANE YAPTON WEST SUSSEX					
TITLE FOUL WATER PUMPING STATION ELEVATION VIEW					
CLIENT CRAYFERN HOMES LTD					
SCALE AT A1	1:25	SCALE AT A3	1:50	APR'l	PB
PROJECT REF.	Q1192603	CHK'd	PCS	DATE	27/11/2019
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All Spindles and Risers Over 1m Long Supported at High Level (detail omitted for clarity)

All Cut Pipe Joints as Close to Structures as Possible Consistent with Making the Joint. The Rocker Pipes to be 1m or Equal to One Nominal Pipe Diameter Whichever is the Larger

Rising Main Ø110mm O.D. PE100 SDR11 (Ø90mm I.D.)
Marked with Non-Degradable Marker Tape Containing a
Trace Wire Terminating with 1m of Wire Coiled Inside
Valve Chamber. All by Others.

Ø80mm Ductile Iron Plain
Ended Pipe Extent of
Xylem Contract.
Connection to Rising
Main by C.E.

Incoming 3 Phase and Neutral
Electricity Supply Duct to Suppliers
Specification

Earth Electrode and Inspection Cover to be
Positioned as Close to Kiosk As Possible
(leave a Boxout 500 x 500 to fit Earth Pit if
Compound is Concreted Before Installation)

Kiosk & Plinth See Detail
on Sheet 04

1 off Ø100mm and 2 off Ø150mm
Continuous Cable Ducts Complete
with Draw Ropes. Laid in Most
Direct Line to Suit Site

Ø100mm Air Vent and Duct
to Architects Specifications
By Others

Fencing & Gates by
Others - To Be Agreed by
Local Authority

NOTES

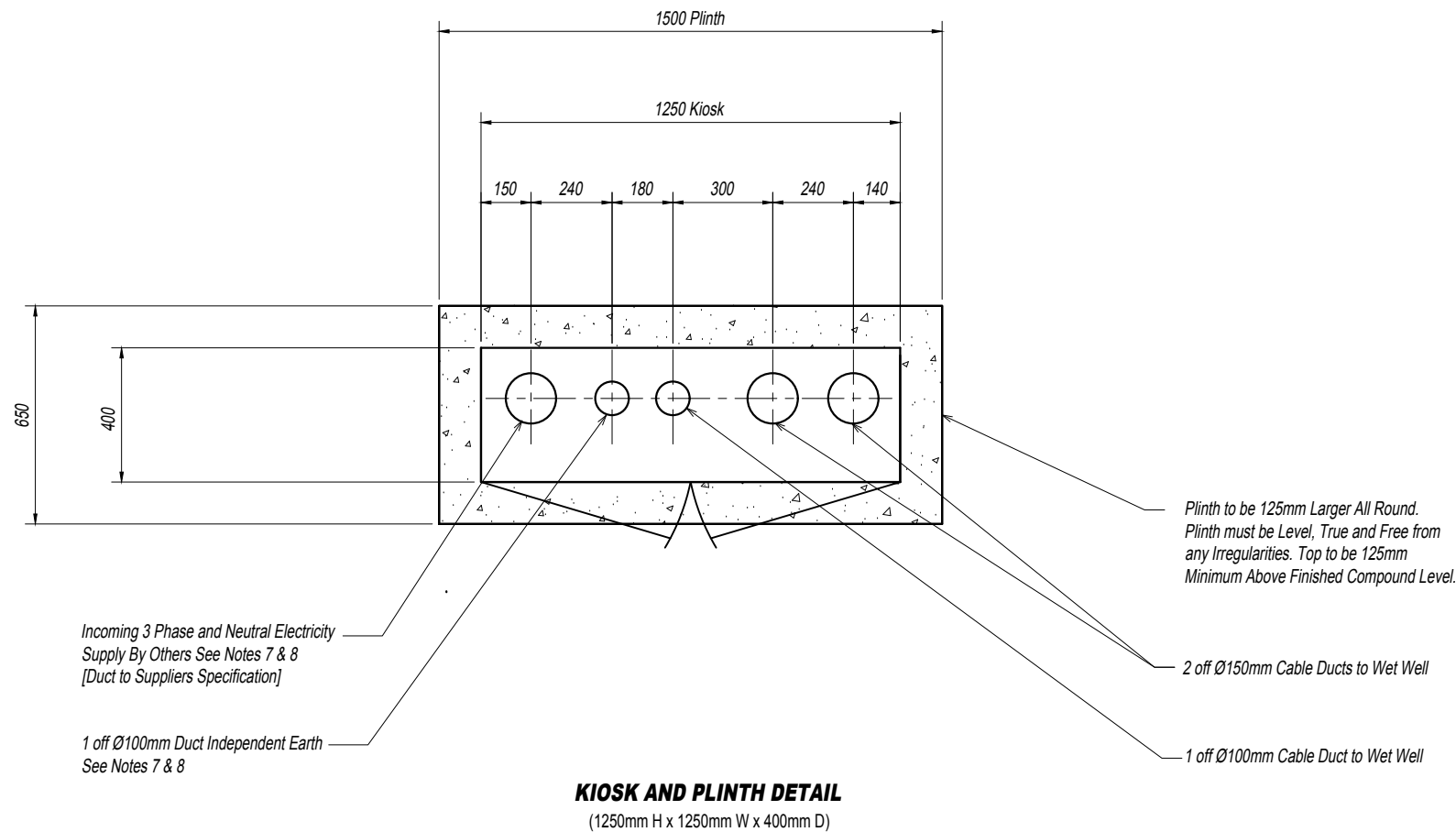
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Ø225mm Incoming Sewers
by Others

STORAGE TANK - BY OTHERS

STORAGE TANK
- BY OTHERS

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PROJECT CINDERS LANE YAPTON WEST SUSSEX					
TITLE FOUL WATER PUMPING STATION SITE PLAN					
CLIENT CRAYFERN HOMES LTD					
SCALE AT A1	1:50	SCALE AT A3	1:100	APR'l	PB
PROJECT REF.	Q1192603		CHK'd	PCS	DATE 27/11/2019
DRAWING No.	A 6681 - 03		DR'n	KPS	DATE 27/11/2019



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PROJECT CINDERS LANE YAPTON WEST SUSSEX					
TITLE FOUL WATER PUMPING STATION KIOSK AND PLINTH DETAIL					
CLIENT CRAYFERN HOMES LTD					
SCALE AT A1	1:10	SCALE AT A3	1:20	APR'l	PB
PROJECT REF.	Q1192603		CHK'd	PCS	DATE 27/11/2019
DRAWING No.	A 6681 - 04		DR'n	KPS	DATE 27/11/2019