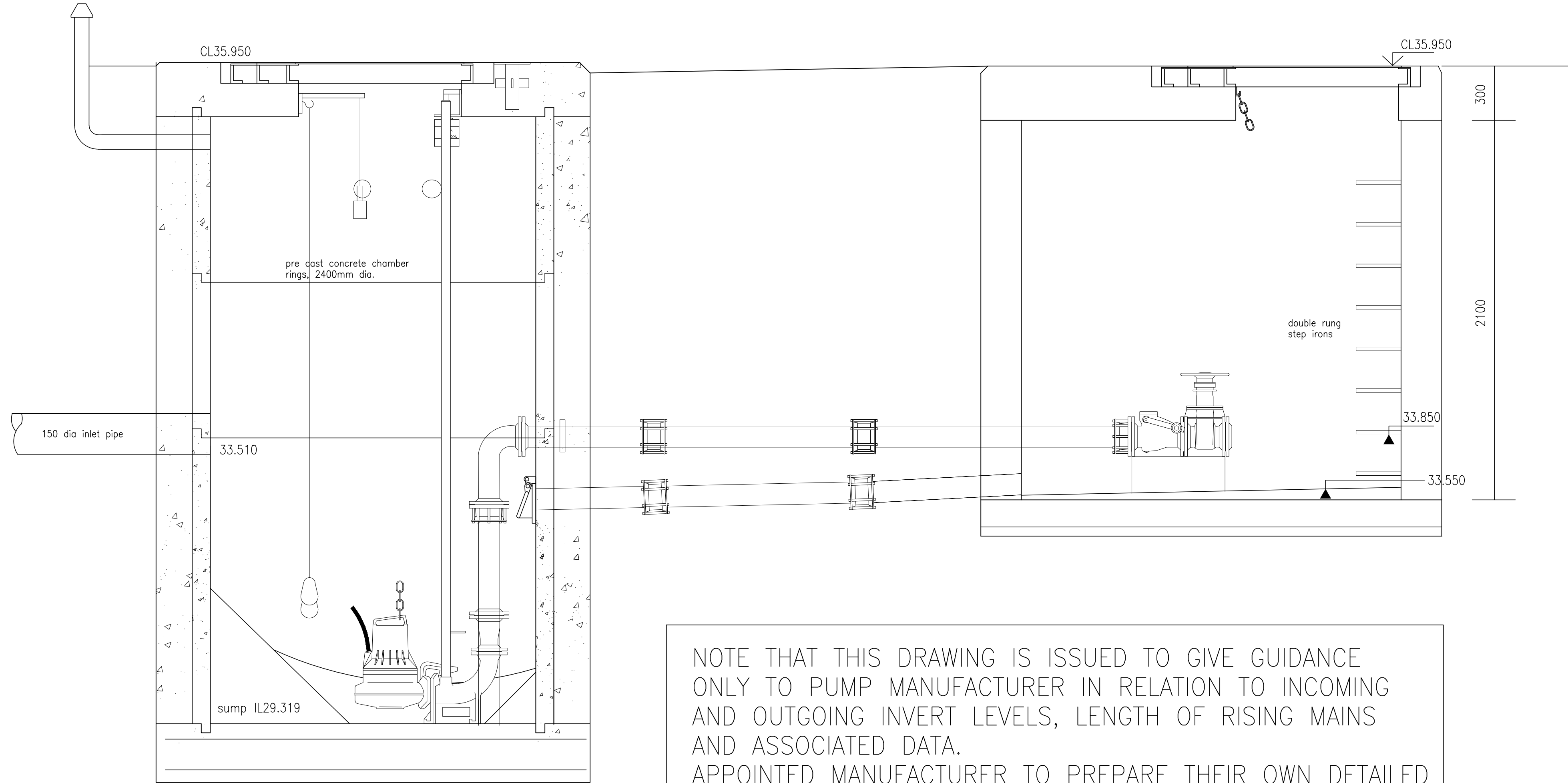




SECTION

NOTE THAT THIS DRAWING IS ISSUED TO GIVE GUIDANCE ONLY TO PUMP MANUFACTURER IN RELATION TO INCOMING AND OUTGOING INVERT LEVELS, LENGTH OF RISING MAINS AND ASSOCIATED DATA. APPOINTED MANUFACTURER TO PREPARE THEIR OWN DETAILED DRAWINGS FOR SUBMISSION TO AND APPROVAL BY YORKSHIRE WATER AND FOR USE ON SITE FOR CONSTRUCTION.

TECHNICAL DATA		
A.	WET WELL COVER LEVEL (APPROX)	35.950
B.	INFLOW INVERT LEVEL INTO WET WELL	33.510
C.	WET WELL SUMP/FLOOR LEVEL	29.319
D.	RISING MAIN INVERT LEVEL AT VALVE CHAMBER	33.850
E.	VALVE CHAMBER FLOOR LEVEL (APPROX)	33.550
F.	RISING MAIN INVERT AT OUTFALL – approx	34.500
G.	TOTAL LIFT	5.181
H.	GROUND LEVEL TO SUMP OF WET WELL	6.631
I.	TOTAL APPROX LENGTH OF RISING MAIN	130.408
J.	GROUND LEVEL TO FLOOR OF VALVE CHAMBER	2.400
K.	INLET INVERT TO FLOOR OF WET WELL	4.191
L.	GRAVITY FOUL FLOW RATE INTO WET WELL	8.600L/S

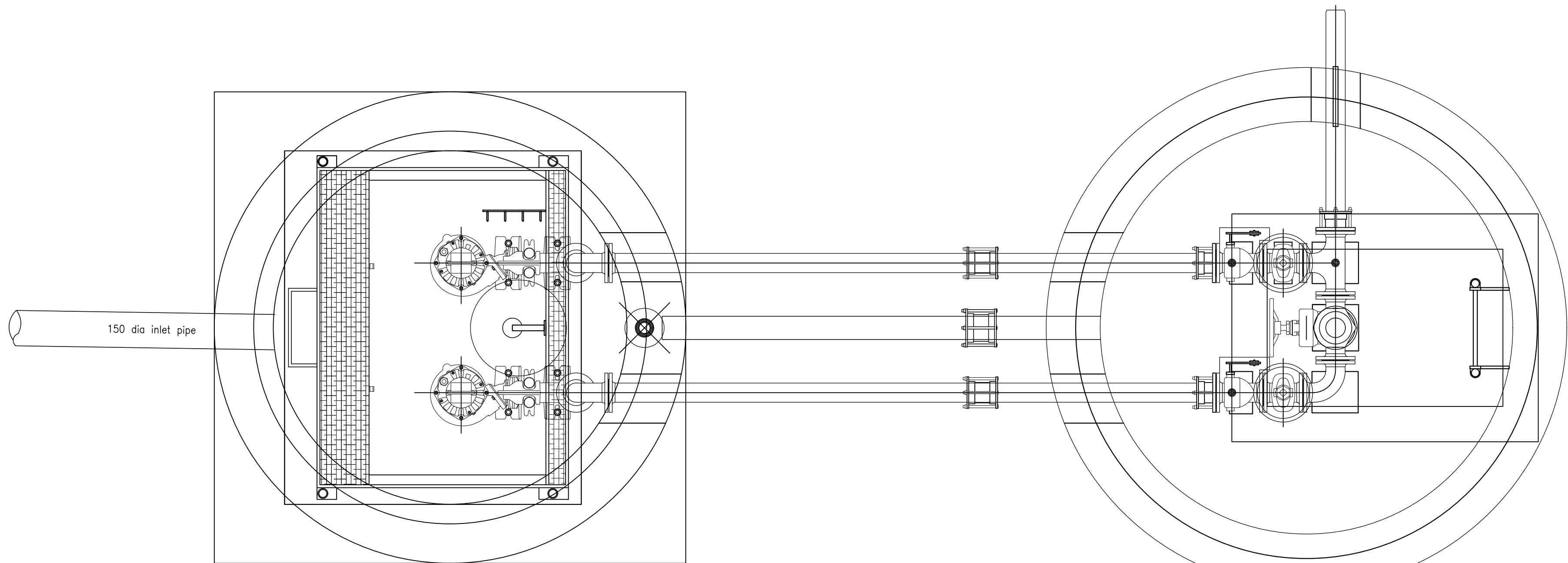
GENERAL NOTES :
All works to be in accordance with Sewers for Adoption (7th Edition) and to the satisfaction of Yorkshire Water.
3-phase electricity supply by Electricity Company to be in footways unless 3m wide easement available.
Wet well to be clean and dry before installation of pumps commences.
TELEMETRY SYSTEM TO BE INSTALLED TO SATISFACTION OF YORKSHIRE WATER. DETAILS SUPPLIED BY PUMP MANUFACTURER.

Dewatering to be provided if necessary as works proceed.
Kiosk to be delivered to site, fitted and meter installed prior to delivery and installation of pumps.
Cut out and Cut in levels to be established on site by pump manufacturer.

Statutory Services to provide appropriate services to pump station and kiosk and to allow for all necessary requirements.
Kiosk to have separate compartments for electric meter, telemetry equipment and control panel and to be weatherproof.
DETAILS OF SHARED KIOSK TO BE PROVIDED BY PUMP MANUFACTURER.

Base to be in 150 thick concrete, grade ST4, 150 dia. hole cast in concrete to receive cable duct. 150 thick well compacted hardcore bed.

STRUCTURAL CALCULATIONS TO BE PROVIDED FOR THE COVER SLABS TO WET WELL AND VALVE CHAMBER.



WET WELL

A. 30/09/18 amended to suit BMBC Highways/YW comments
Revision.

James Eaton Design Ltd

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A1

Client.

Persimmon Homes

Site.

**Lundhill Road,
Wombwell.**

Title.

FW Pumping Station :
Indicative Construction Details.

Date:

Apr 2018

Scales.

NTS

Drawing No.

18/692/9052A