



PROCUREMENT SERVICES

CITY OF SURREY, SURREY CITY HALL
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ADDENDUM No. 1

REQUEST FOR QUOTATION No.: 1220-040-2023-075

TITLE: NORTH BLUFF PUMP STATION: PUMP REPLACEMENT

ADDENDUM ISSUE DATE: NOVEMBER 10, 2023

DATE: PREFER TO RECEIVE SUBMISSION ON OR BEFORE NOVEMBER 15, 2023

INFORMATION FOR CONTRACTORS

Contractors are advised that Addendum No. 1 to 1220-040-2023-075 is hereby issued by the City. This addendum shall form part of the contract documents and is to be read, interpreted and coordinated with all other parts. The following information is provided to answer questions raised by Contractors for the above-named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractors or any sub-contractor not being familiar with this addendum. This Addendum No. 1 contains five (5) pages.

QUESTIONS AND ANSWERS:

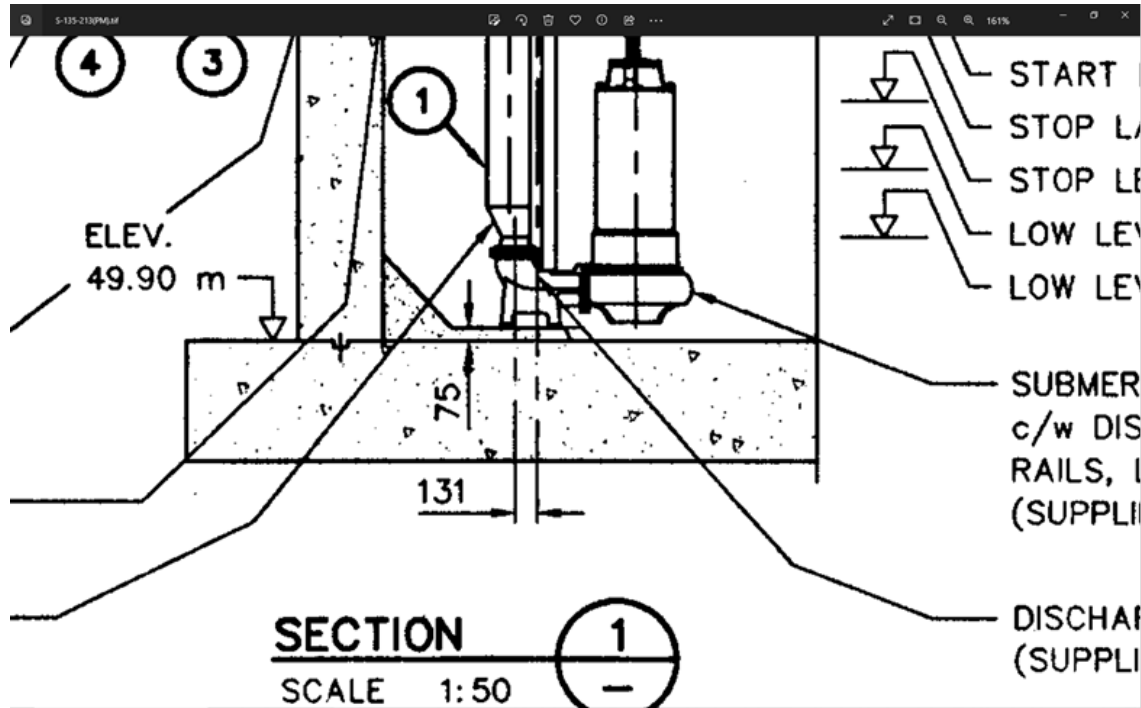
- Q1. Is there a list of approved manufacturers for the pumps?
- A1. No list. However, the City typically uses Flygt, KSB, ABS or Myers pumps.
- Q2. The pumps should have a target operating discharge of 150 l/s on the lower head system curve – is that per ONE (1) pump?
- A2. Yes.
- Q3. What is the required discharge head per pump?
- A3. 52m at lower head and 62m at higher head (with Semiahmoo PS pumping).
- Q4. What will the pumps be pumping?
- A4. Sanitary sewage water with solids up to 2". The City want to pump with non-clog technology.

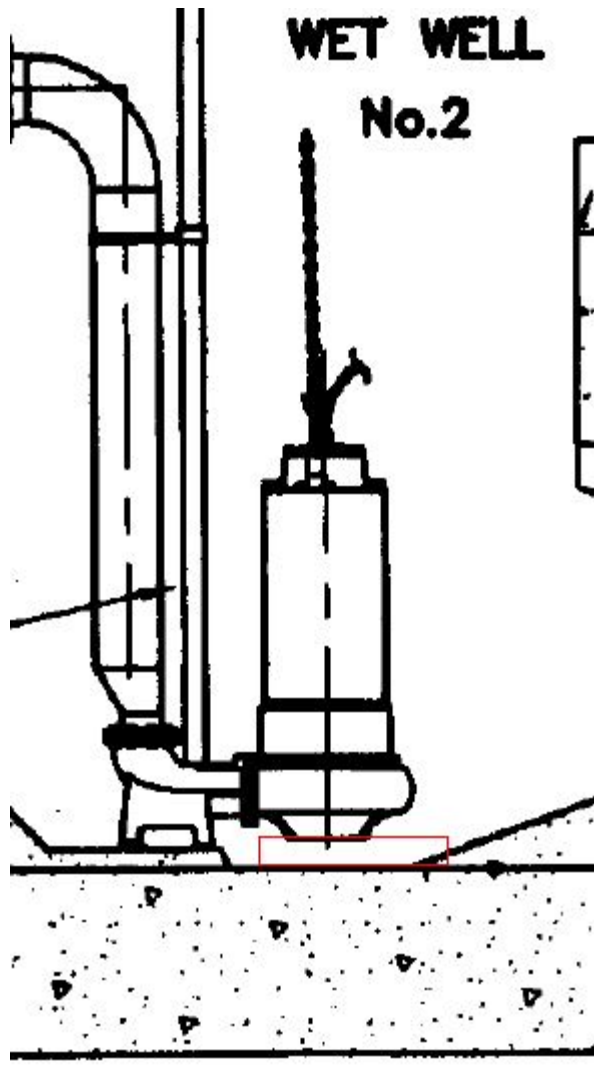
- Q5.** Will the City accept a quote for pumps only? Or does the quote must include installation and testing services?
- A5.** The City prefers pumps only but Contractors are encourage to provide optional price to install. The guide rail may not fit the new pump and may have to be changed or adapters may be needed.
- Q6.** Please provide the hatch dimensions shown on the drawing S-135-205 (P).
- A6.** Actual opening is 42" x 42". The guide rails may not be compatible with all the pumps. If they have to be modified, it could affect the opening available space for installing/ removing the pumps. See Attachment No. 1 – Structural Concrete & Masonry on page 5 for additional information.
- Q7.** Are there any limitations for the individual motor-rated power?
- A7.** Yes, the current starters are rated for 135 hp with 180 amps max.
- Q8.** What is the clearance from the floor to the crane beam ??
- A8.** The limiting factor is the measurement from the hatch opening (floor) to the crane hook. This total dimension is at 68.25". If the pump is too tall, the crane will not be able to lift the pump out of the opening. The very maximum height of the entire pump including the pump's lifting shackle has to be under 68". See below photos.

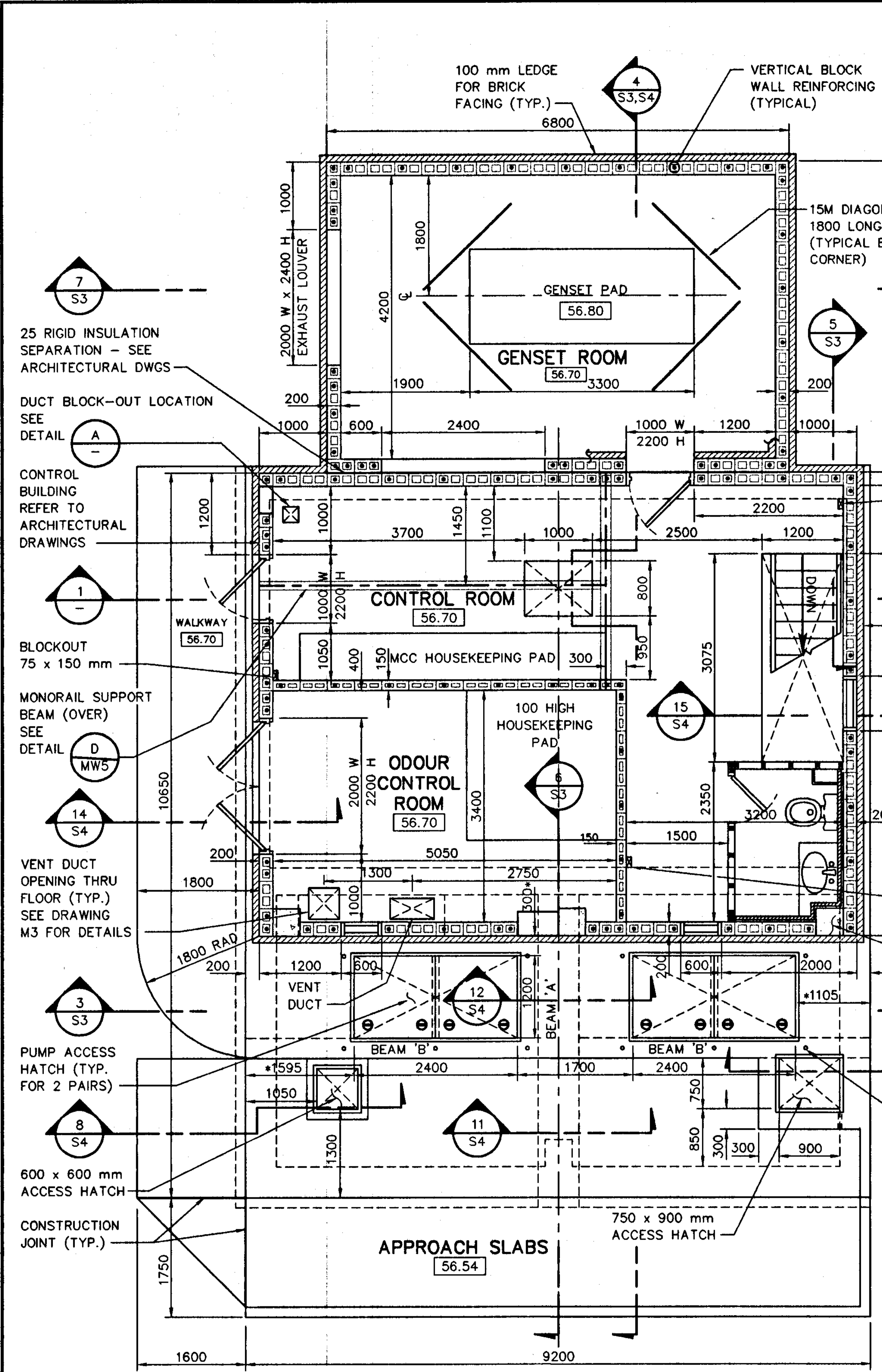


- Q9.** Can you provide the dimensions of the existing pump specially the existing discharge elbow mounted in the bottom of the wet well? We are looking for the clearance underneath the pump (shown in red below)?

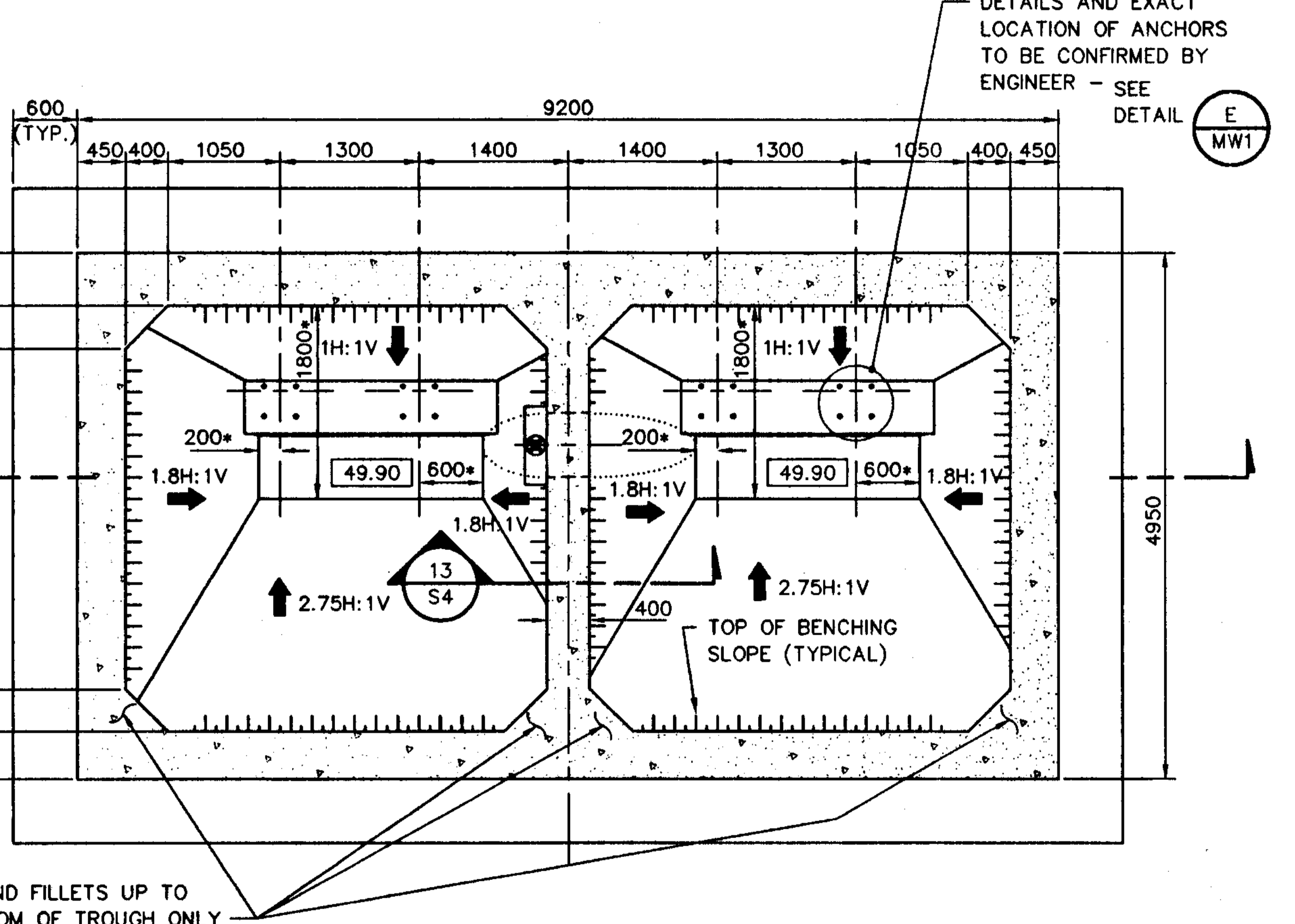
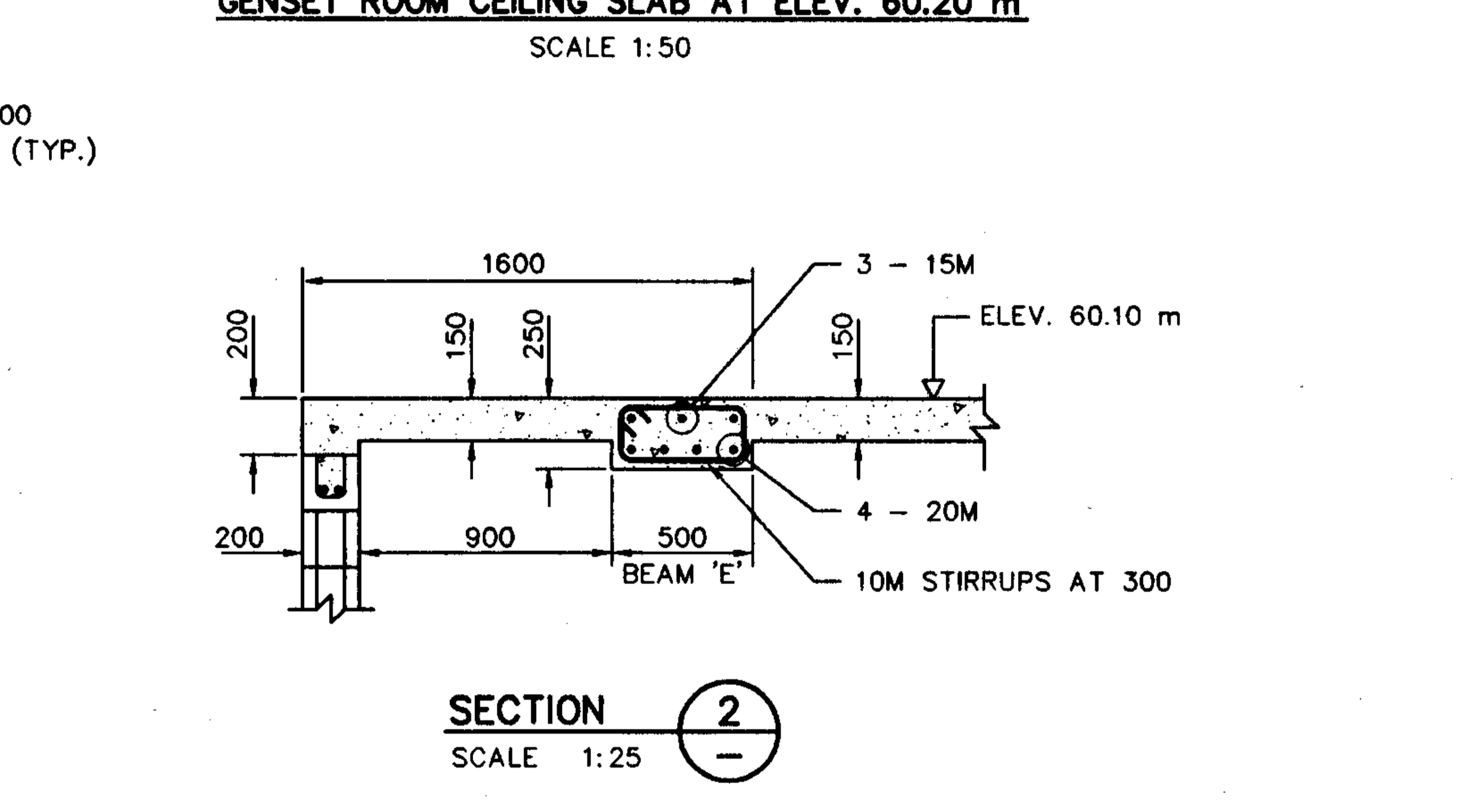
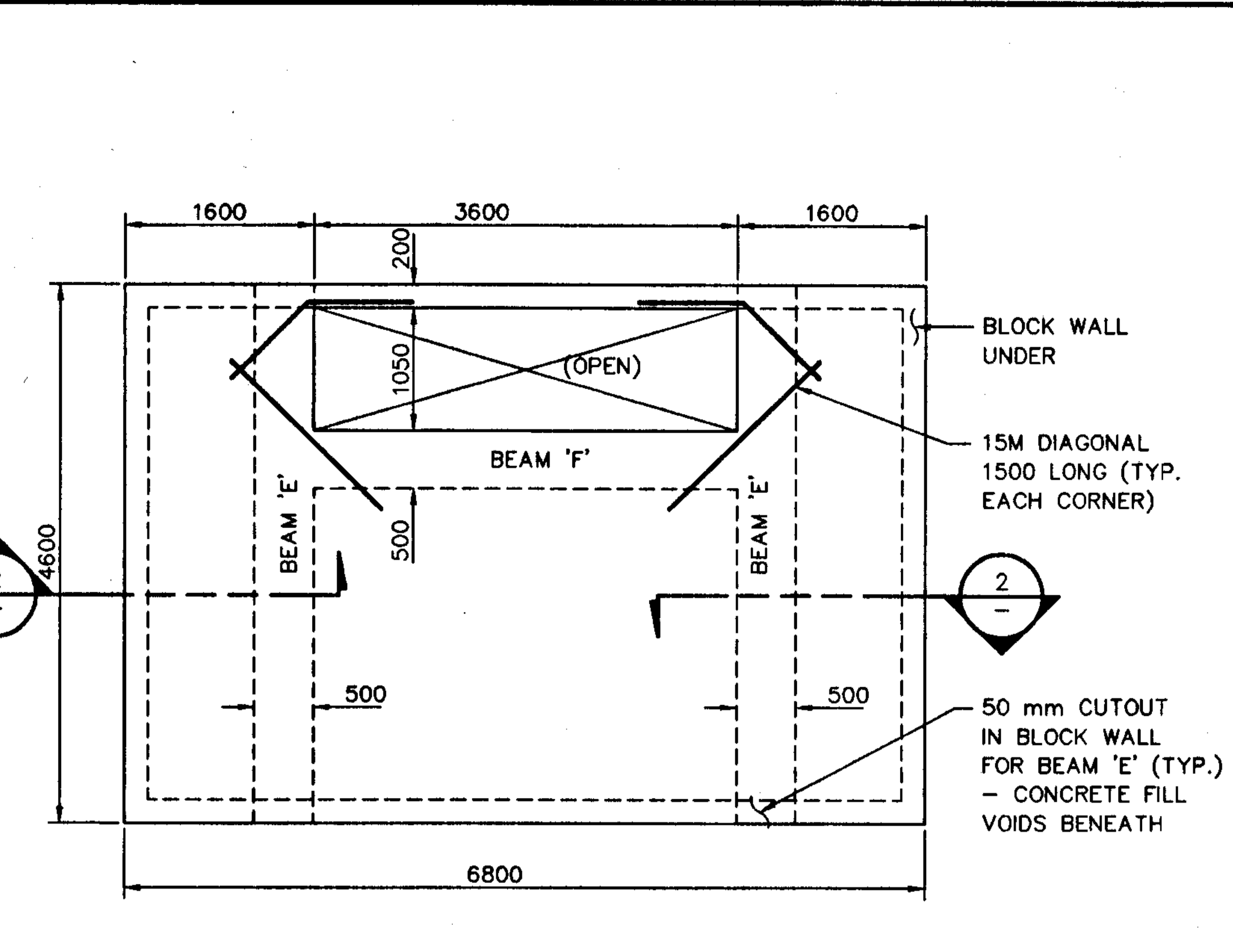
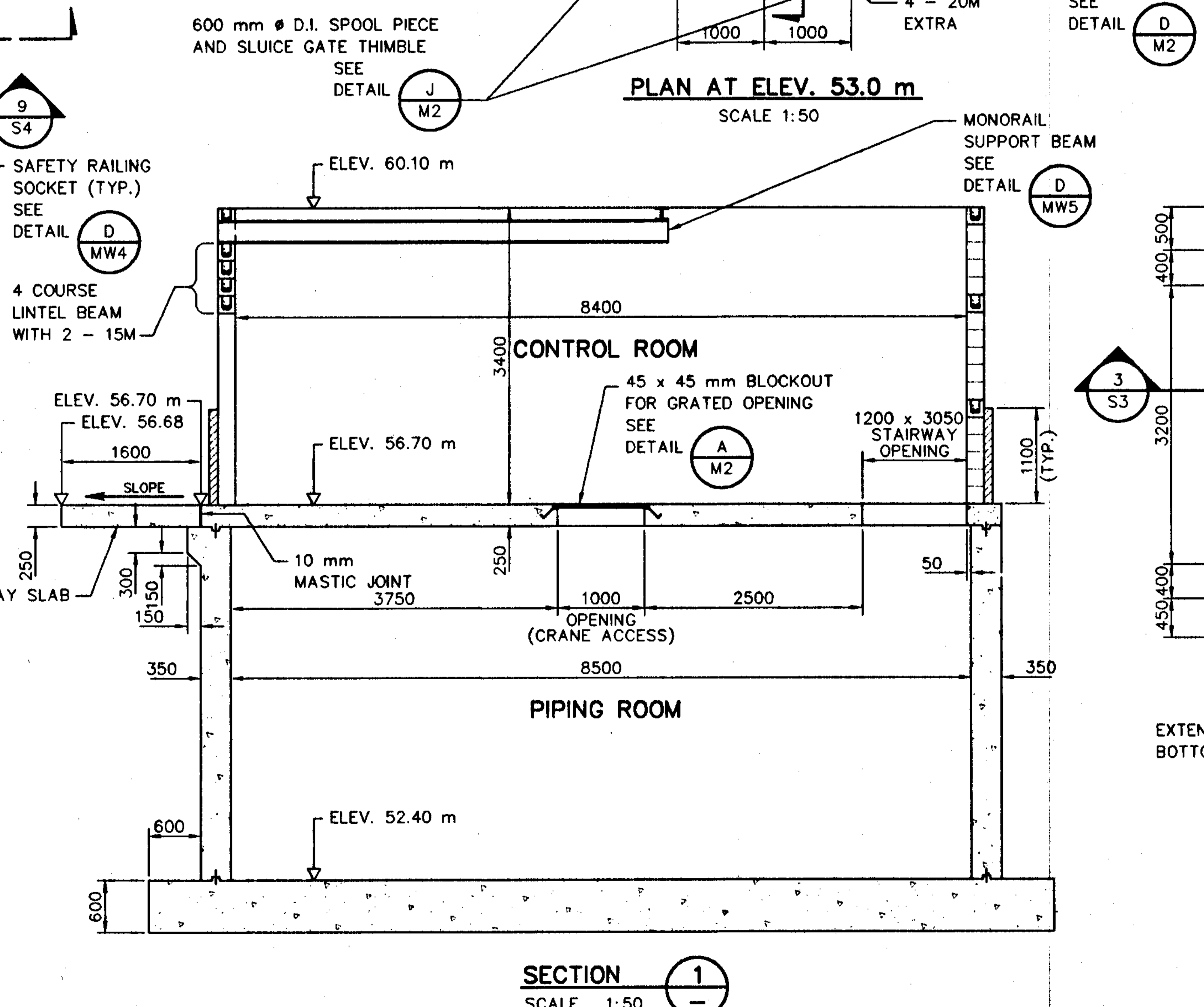
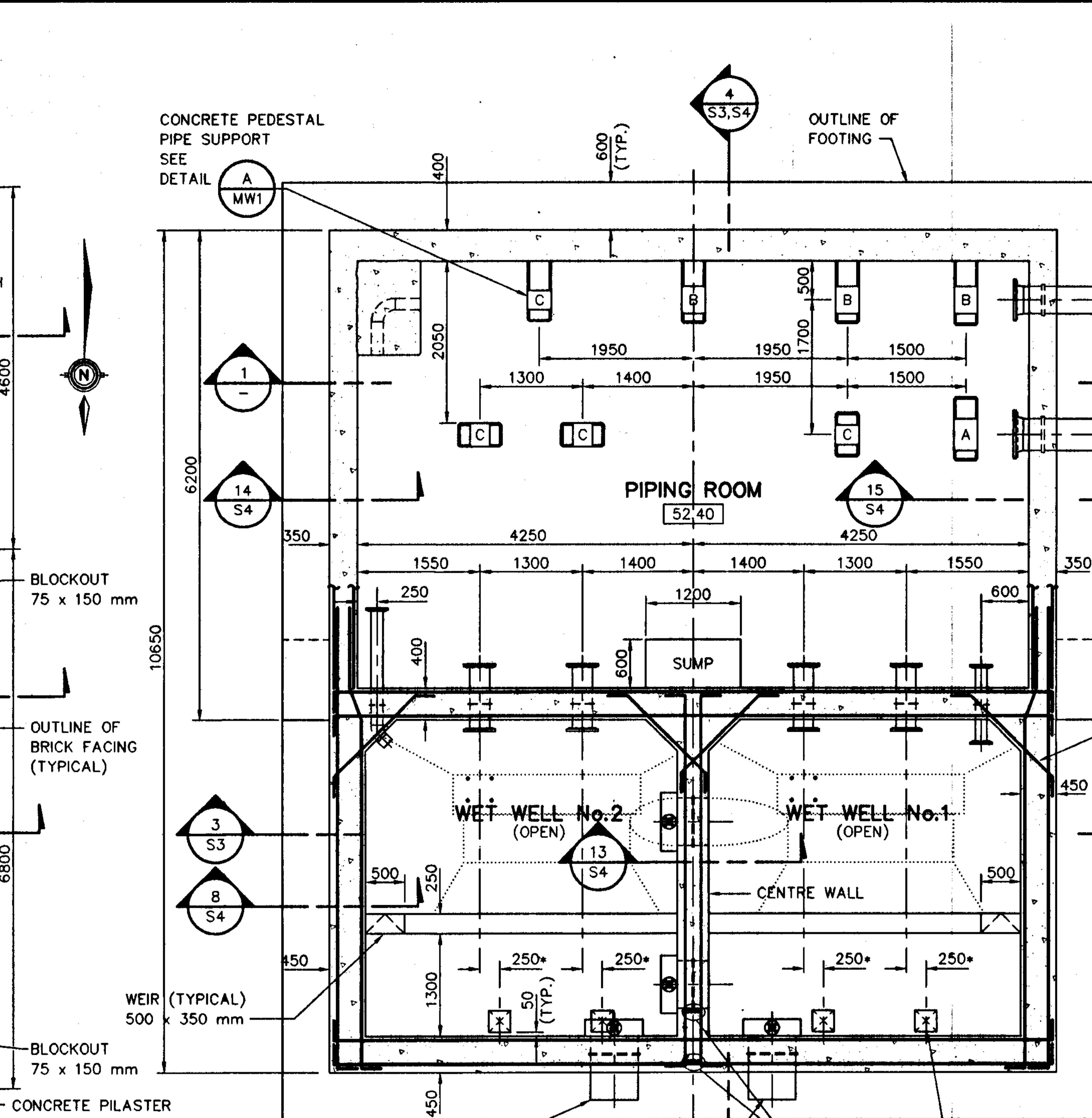
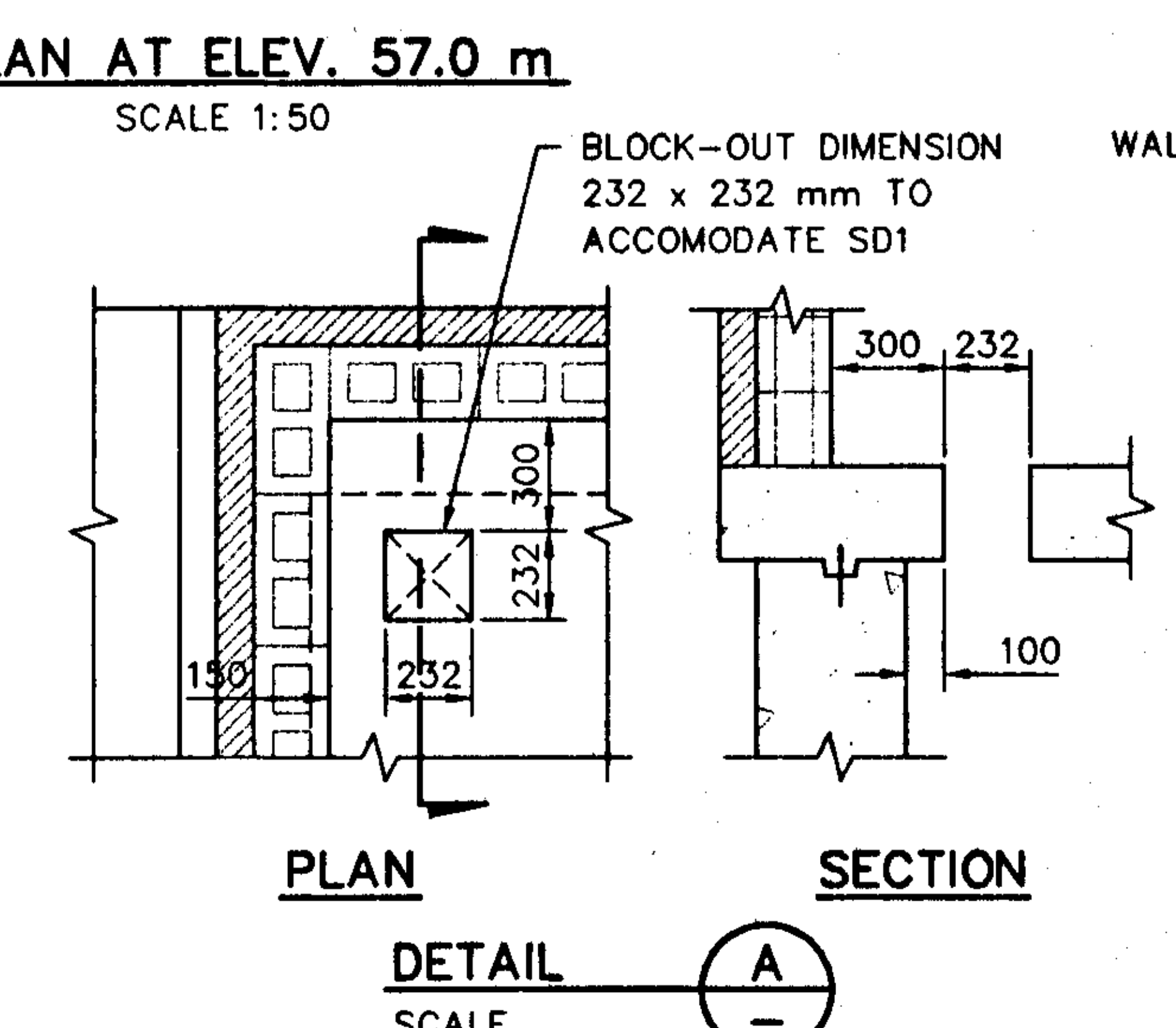
A9. The drawing on record shows 3" (75mm). However, this measurement is dependent on the height of the volute. If the proposed pumps work with the existing guide rails, then there is 3" from the pump intake to the bottom of the tank. The distance from the top of the volute to the bottom of the tank (WL) is 20 5/8". The volute we currently have is approximately 13", so the distance from the bottom of the volute to the bottom of the tank is approximately 7" based on the attached drawing from Engineer Pumps. Our current guide rails therefore sit on a 3" plinth. It is noted that the existing pump has a 5" discharge that adapts to a 6" discharge pipe.







- NOTES:**
- REFER TO ELECTRICAL DRAWINGS FOR PLACEMENT OF CONDUIT.
 - REFER TO MECHANICAL DRAWINGS FOR LOCATION OF VENT DUCT AND PIPING SPOOLS AND OPENINGS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS ABOVE ELEVATION 59.90 m, AND FOR BRICK VENEER DETAILS.
 - DIMENSIONS MARKED * SHALL BE CONFIRMED BY THE ENGINEER BASED ON PUMP SHOP DRAWINGS.



CITY OF SURREY	
TITLE: STRUCTURAL CONCRETE & MASONRY (SHEET 1)	
SCALE: HOR. VER.	SURREY PROJECT NO. MS 4793-324-03
CHECKED: P.W. P.U.	S-135-210(P)
SCALE AS SHOWN	
DRAWING No. 471-005	
SHEET 12 OF 40 ISSUE B	

ISSUE	DATE	DRN	CHD	APP'D	DESCRIPTION
B	97/07/17	PL	AB	AB	RECORD DRAWING

DESIGNED: AB
DRAWN: SPB
CHECKED: M

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CONSULTING ENGINEERS

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STRUCTURAL - CONCRETE & MASONRY (SHEET 1)