

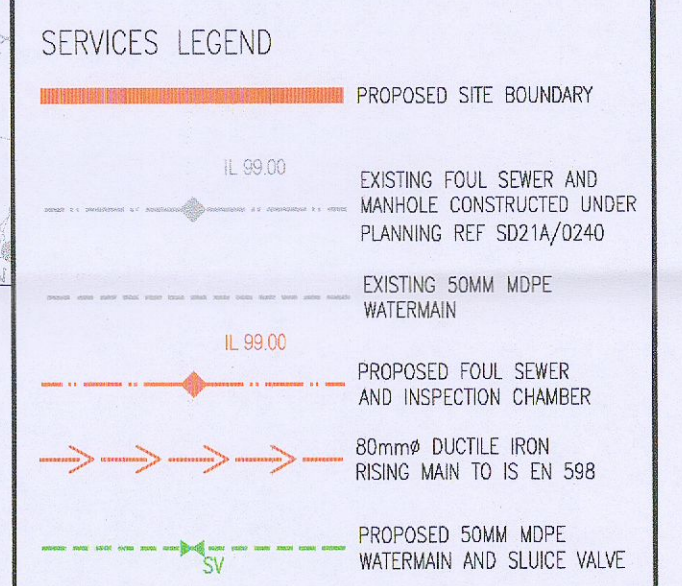
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ON ORIGINAL

NOTES:

- PUMPS TO BE INSTALLED TO MANUFACTURERS DETAILS & SPECIFICATION
- PUMP MANUFACTURER TO SUPPLY DETAILS OF STANDARD ANNUAL MAINTENANCE FOR PUMPS
- PUMP MANUFACTURER TO SUPPLY DETAILS OF RECOMMENDED SPARE PARTS FOR 20 YEARS OPERATION
- GALVANISED STEEL ACCESS COVER TO BE PROVIDED ON ALL CHAMBERS WITH NON-SLIP SURFACE. ALL COVERS TO BE LOCKABLE. CHAMBER COVERS TO COMPLY WITH BS EN 124.
- DAVITS & SOCKETS TO BE GALVANISED.
- LIFTING DAVITS, TACKLE AND SOCKETS SHOULD BE RATED TO LIFT TWICE THE WEIGHT OF EACH PUMP UNIT WITH A MINIMUM RATING OF 500kg, SAFE WORKING LOAD.
- ALL METAL EQUIPMENT ON THE PUMP STATION SITE TO BE BONDED TO EARTH. EARTH ROD WITH INSPECTION PIT TO BE INSTALLED.
- MINIMUM PUMP CUT-OFF LEVEL TO BE ABOVE THE TOP OF THE PUMP MOTORS.
- ALL DUCTING FROM PUMP CHAMBER TO BE SEALED AIRTIGHT.
- ELECTRICAL REQUIREMENTS TO MEET IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
- PUMPING STATION TO HAVE REMOTE/ALARM MONITORING TO MEET IRISH WATER REQUIREMENTS.
- PUMPS TO BE DUTY/STANDBY SUBMERSIBLE
- PUMPS TO BE MOUNTED ON A CAST IRON COUPLING/DUCK-FOOT PEDESTAL.
- ALL PIPE WORK AND VALVES TO BE DUCTILE IRON TO IS EN 588 SUITABLE FOR USE WITH SEWERAGE WITH PN-16 FLANGES TO BS EN 1092-1.
- PUDDLE FLANGES TO BE USED TO ENSURE A SEAL BETWEEN PIPES AND IN-SITU CONCRETE SURROUND.
- ALL IN-SITU CONCRETE TO BE C20/25 TO IS EN 206.
- ALL OPENING TO BE CORED AND SEALED WITH FORSHEDA F910 WALL SEALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS OR SIMILAR APPROVED PRODUCT.



REV.	DATE	DESCRIPTION	BY	CHKD.
P01	16-02-22	ISSUED FOR PLANNING RESPONSE	TCA	JK
P01	17-11-22	ISSUED FOR PLANNING	TCA	KJS

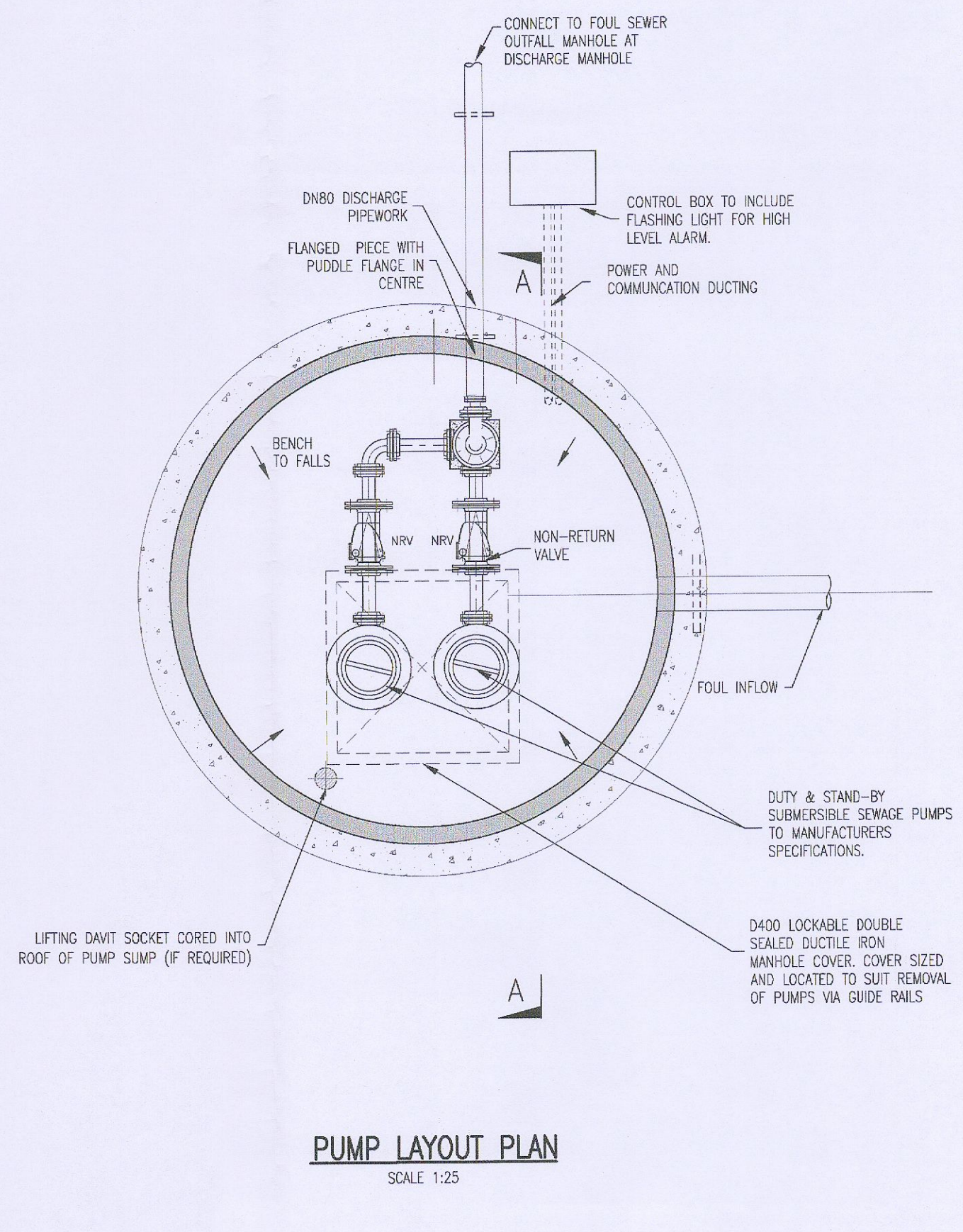
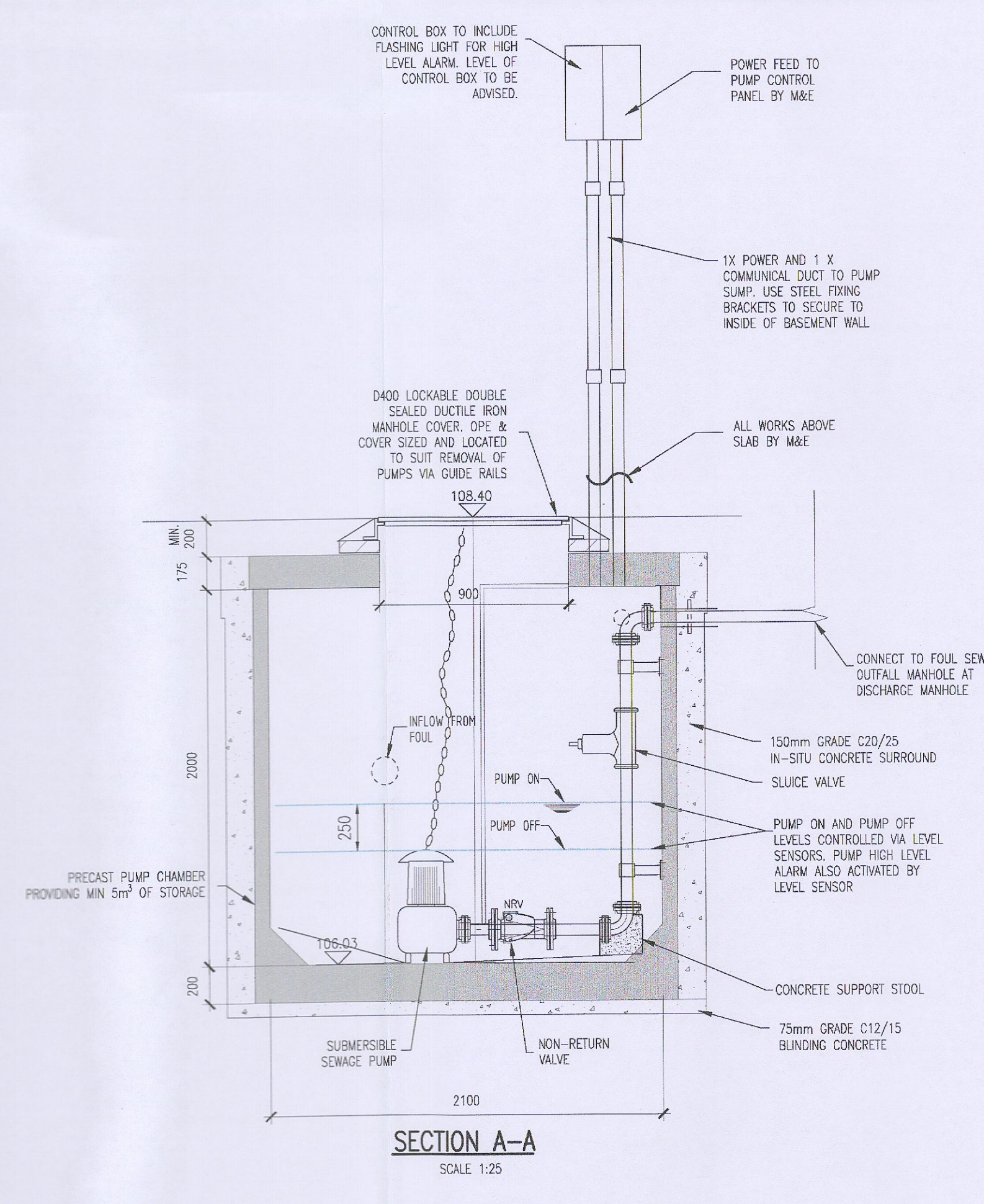
PLANNING			
DESIGNED	TCA	PREPARED	TCA
DATE	OCT 2022	CHECKED	KJS
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PROJECT  
**PROPOSED EXTERNAL VEHICLE WASH AT UNIT 2007/2008 ORCHARD AVE. CITY WEST**

DRG. TITLE  
**CAR WASH PUMP DETAILS**

ARCHITECT  
**EMD ARCHITECTS**

SCALE AS SHOWN @A1 FILE REF. 210091-DBFL-CS-SP-DR-C-5310  
 DRG. NO. 210091-DBFL-CS-SP-DR-C-5310 P02



PRELIMINARY PUMP DESIGN CRITERIA

PUMPING RATE	=	5 L/S
PUMP STATIC HEAD	=	2.5m
RISING MAIN	=	7m OF DN80 DUCTILE IRON
EST DYNAMIC HEAD	=	4m