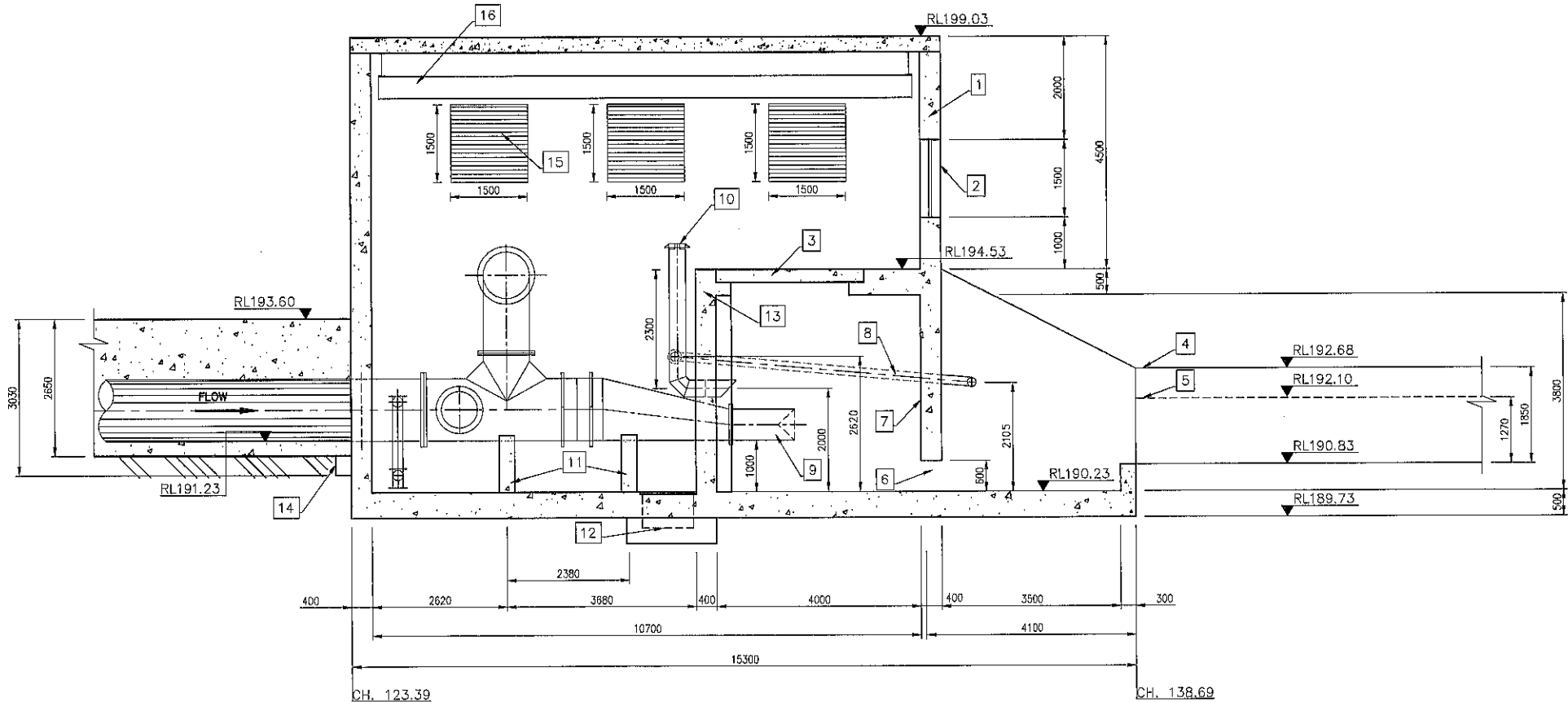
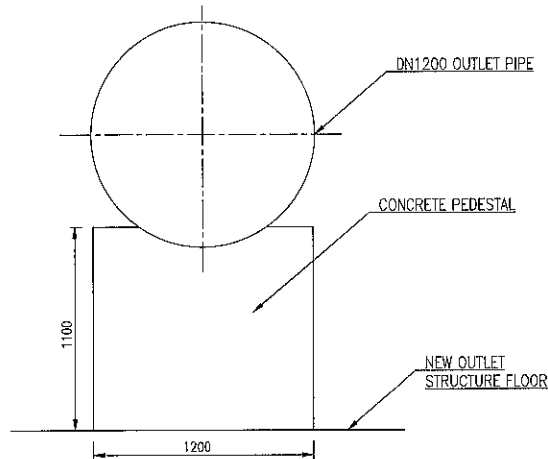


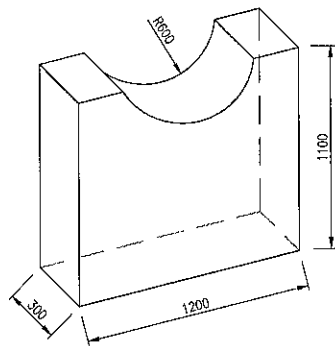
ANNOTATION TABLE	
1	WALL 6 (SEE DRG. 174860/16 TO 174871/16 FOR REINFORCEMENT DETAILS)
2	WINDOW (SEE SPECIFICATION No. 6)
3	ACCESS SLAB (2600 X 2900 mm)
4	RAISED CANAL WALL LEVEL
5	ORIGINAL CANAL WALL LEVEL
6	STILLING CHAMBER OPENING
7	S/S CLADDING TO BE INSTALLED WITH FISHHOOKS INSIDE STILLING CHAMBER(REFER TO MECHANICAL DRAWINGS FOR DETAILS)
8	100 DIAMETER DRAINAGE PIPE FROM SUMP TO CANAL (SEE MECHANICAL DRAWINGS 174348/16 FOR DETAILS)
9	SLEEVE VALVE: 600NB, HYDRAULIC OPERATED (SEE MECHANICAL DRAWING 174348/16, ITEM 72)
10	SLEEVE VALVE AIR VENT PIPES (SEE MECHANICAL DRAWING 174348/16, ITEM 51)
11	CONCRETE PEDESTAL SEE DETAIL '1-C'
12	FOR SUMP SEE DETAIL '1-A' SEE DWG 174852/16
13	WALL 5 (SEE DRG. 174860/16 TO 174871/16 FOR REINFORCEMENT DETAILS)
14	BACKWALL OF EXISTING OUTLET STRUCTURE
15	VENTILATION LOUVRE: RETRO FIT TYPE (SEE MECHANICAL DRAWING 174348/16, ITEM NO. 86)
16	5 TON CRANE SYSTEM (SEE MECHANICAL DRAWING 174348/16 FOR DETAILS)



SECTION 06-06
LONGITUDINAL SECTION SEE DWG NO. 174851/16
SCALE 1:50



DETAIL '1-C'
CONCRETE PEDESTAL FOR DN1200 PIPE ANNOTATION NO. 11
SCALE 1:20



SCALE 1:20



SCALE 1:50



NOTES:

- DEMOLISH AND REMOVE SECTIONS OF EXISTING STILLING BASIN AND CANAL TO MAKE PROVISION FOR THE NEW OUTLET STRUCTURE.
- PRIOR TO WELDING PIPE (ITEM 1, MECHANICAL DRAWINGS) ENSURE PROPER SURFACE PREPARATION BY CHIPPING EXISTING WALL AROUND THE LEFT OUTLET PIPE, TO MAKE PROVISION FOR WORKING SPACE.
- EXCAVATE FOR FOUNDATIONS AND CONSTRUCT NEW REINFORCED CONCRETE OUTLET STRUCTURE.
- FOR CONCRETE DETAILS REFER TO BLOCK 1 DRAWING NUMBERS 174849/16 TO 174859/16.
- FOR REINFORCEMENT DETAILS REFER TO BLOCK 2 DRAWING NUMBERS 174860/16 TO 174870/16.
- MAKE PROVISION FOR MECHANICAL, ELECTRICAL AND DE-WATERING EQUIPMENT. REFER TO MECHANICAL, ELECTRICAL AND DE-WATERING EQUIPMENT DRAWINGS FOR THE FOLLOWING DETAILS:
 - PIPES AND SPECIALS.
 - VALVES
 - CRANE
 - MISCELLANEOUS (GRATINGS, BEAMS, LADDERS, MANHOLE COVERS, VENTILATORS, LOUVERED VENTS, WINDOW GUARDS, ACCESS DOORS AND CLADDING PLATES).
 - ELECTRICAL WORKS (LIGHTS, CABLING, DUCTS, DISTRIBUTION BOARDS, ETC).
 - DE-WATERING EQUIPMENT (SUMP PUMPS, DRAINAGE PIPES).
- CONTRACTOR TO PROVIDE EMPLOYER'S AGENT WITH METHOD STATEMENTS FOR APPROVAL PRIOR TO ANY DEMOLITION, EXCAVATION, FOUNDATION PREPARATION, SURFACE PREPARATION (FROM NEW TO EXISTING STRUCTURES) AND CONSTRUCTION.
- THE DEPTH AND NATURE OF THE EXISTING FOUNDATION MATERIAL IS UNKNOWN AND WILL BE DETERMINED ON SITE. THE EMPLOYER'S AGENT WILL APPROVE THE FOUNDATION AND SURFACE BEFORE ANY CONSTRUCTION WILL COMMENCE.
- CONTRACTOR TO TAKE INTO ACCOUNT ALL INFORMATION INCLUDED IN THE CONTRACT, INCLUDING BUT NOT LIMITED TO CONTRACT DATA, PRICING DATA, SCOPE OF WORKS WITH SPECIFICATIONS AND SITE INFORMATION.

SPECIFICATIONS:

- CONCRETE CLASS 40/19
- 50% GROUND GRANULATED COREX SLAG (GGCS) CEMENT REPLACEMENT (OR EQUIVALENT, SUBJECT TO THE APPROVAL OF THE EMPLOYER'S AGENT)
- ALL EXPOSED CORNERS TO HAVE 25 X 25mm CHAMFER.
- MAKE PROVISION FOR STAINLESS STEEL CLADDING TO BE CAST IN STILLING CHAMBER AND ACCESS SLABS USING FISHTAILS (SEE MECHANICAL DRAWINGS ON STAINLESS STEEL CLADDING AT SLEEVE VALVE CHAMBER, DRAWING NUMBERS 174375/16ME TO 174378/16ME AND 174368/16ME).
- ALL NON-SHUTTERED CONCRETE SURFACES SHALL HAVE WOOD-FLOATED FINISHES.
- WINDOWS TO BE GLASS WITH ALUMINUM FRAMES AND MUST COMPLY WITH SANS CODES 1263-1, 10137 AND 10400. TWO 1500 X 1500mm AND ONE 1500 X 750mm TO BE PROVIDED.
- LIFTING HOOKS FOR ACCESS SLABS TO BE PROVIDED AS SPECIFIED ON DRAWING 174888/16.

STATUS:

FOR CONSTRUCTION

9 OF 55	NEW OUTLET STRUCTURE: CROSS SECTION 06-08		174856/16
8 OF 55	NEW OUTLET STRUCTURE: CROSS SECTION 07-07		174855/16
7 OF 55	NEW OUTLET STRUCTURE: LONG SECTION 06-06		174854/16
6 OF 55	NEW OUTLET STRUCTURE: LONG SECTION 05-05		174853/16
5 OF 55	NEW OUTLET STRUCTURE: PLAN VIEW		174852/16
4 OF 55	GROUTING OF GALLERY AND MODIFICATIONS AT EXISTING OUTLET CULVERT STRUCTURE		174851/16
2 OF 55	GENERAL LAYOUT OF OUTLET WORKS (KEY PLAN)		174849/16
1 OF 55	LIST OF DRAWINGS SERIES 0600 OUTLET WORKS: CONCRETE AND REINFORCEMENT DETAILS		174848/16
SHEET	DESCRIPTION	OTHER No.	REV No.

LIST OF DRAWINGS

REVISION					DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA		DAM SAFETY REHABILITATION PROJECT	
MOD No.	DATE	DESCRIPTION	FOR	DWA	HEAD OFFICE STRATEGIC ASSET MANAGEMENT PRIVATE BAG X 313 PRETORIA 0001		SEDIBENG BUILDING 185 FRANCOIS BAARD STREET PRETORIA 012 336 7500	
					CHECKED: T. MABALE		DESIGNED: S. REYNOLDS	
					ENGINEER: C. MABALE		DRAWN: N. MADONSELA	
					CHIEF ENG/APP (PR ENG)		DIRECTOR (PR ENG)	
					DATE: 17/08/22		DATE: 17/08/22	
					LOCALITY No: H100-08		TENDER/ CONTRACTS No:	
					PROVINCE: WESTERN CAPE		DISTRICT: WORCESTER	
					KEY CODES		OUS SEL PED CAN OTHER No. XXX	
					SHEET 7 OF 55		REG. No. 174854/16	
					CALCULATION FILE:		REV. 00	

SECTION

SECTION NUMBER
01
02
SHEET NUMBER