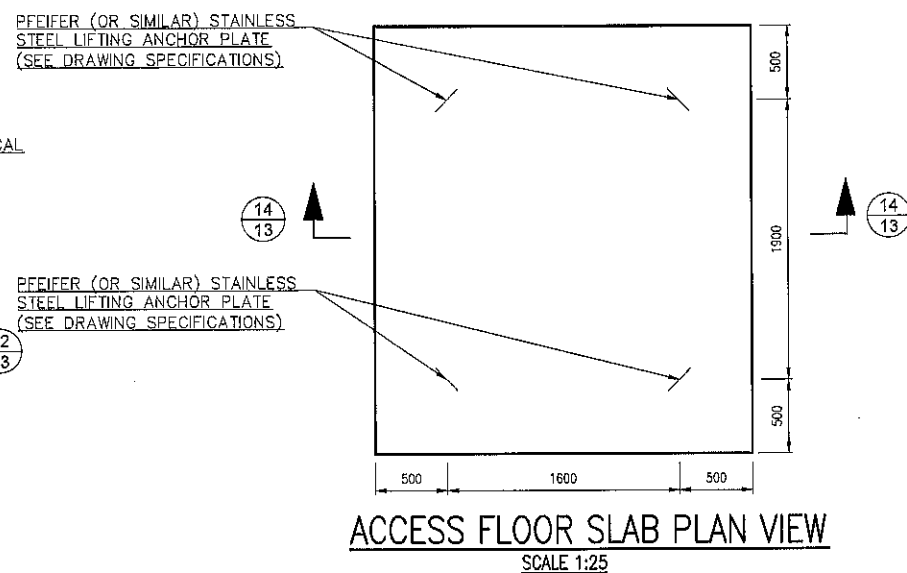
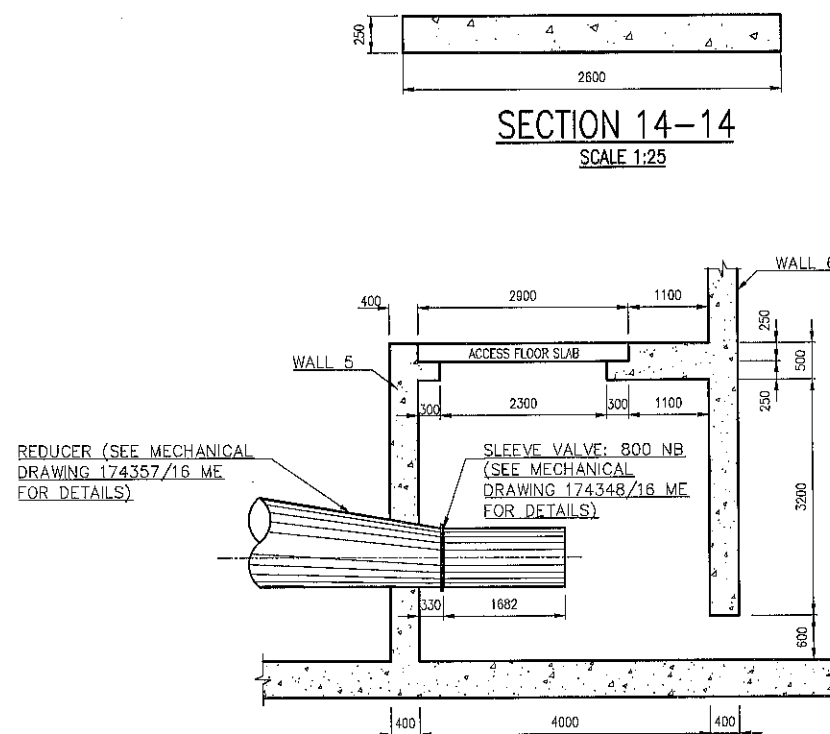




FLOOR SLAB LAYOUT
SCALE 1:50



SECTION 13-13
SCALE 1:50

1. DEMOLISH AND REMOVE SECTIONS OF EXISTING STILLING BASIN AND GABAL TO MAKE PROVISION FOR THE NEW OUTLET STRUCTURE.
2. 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.
3. EXCAVATE FOR FOUNDATIONS AND CONSTRUCT NEW REINFORCED CONCRETE OUTLET STRUCTURE.
4. FOR CONCRETE DETAILS REFER TO BLOCK 1 DRAWING NUMBERS 174849/16 TO 174859/16.
5. FOR REINFORCEMENT DETAILS REFER TO BLOCK 2 DRAWING NUMBERS 174860/16 TO 174871/16.
6. MAKE PROVISION FOR MECHANICAL, ELECTRICAL AND DE-WATERING EQUIPMENT. REFER TO MECHANICAL, ELECTRICAL AND DE-WATERING EQUIPMENT DRAWINGS FOR THE FOLLOWING DETAILS:
 - 6.1. PIPES AND SPECIALS.
 - 6.2. VALVES
 - 6.3. CRANE
 - 6.4. MISCELLANEOUS (GRATINGS, BEAMS, LADDERS, MANHOLE COVERS, VENTILATORS, LOUVERED VENES, WINDOW GUARDS, ACCESS DOORS AND CLADDING PLATES).
 - 6.5. ELECTRICAL WORKS (LIGHTS, CABLING, DUCTS, DISTRIBUTION BOARDS, ETC).
 - 6.6. DE-WATERING EQUIPMENT (SUMP PUMPS, DRAINAGE PIPES).
7. 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.
8. 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.
9. 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.

1. CONCRETE CLASS 40/19
2. 50% GRIND GRANULATED COREX SLAG (GGCS) CEMENT REPLACEMENT (OR EQUIVALENT , SUBJECT TO THE APPROVAL OF THE EMPLOYER'S AGENT)
3. ALL EXPOSED CORNERS TO HAVE 25 X 25mm CHAMFER.
4. MAKE PROVISION FOR STAINLESS STEEL CLADDING TO BE CAST IN STILLING CHAMBER AND ACCESS SLABS USING FISHTAIL (SEE MECHANICAL DRAWINGS ON STAINLESS STEEL CLADDING AT SLEEVE VALVE CHAMBER, DRAWING NUMBERS 174375/16ME TO 174378/16ME AND 174388/16ME).
5. ALL NON-SHUTTERED CONCRETE SURFACES SHALL HAVE WOOD-FLOATED FINISHES.
6. WINDOWS TO BE GLASS WITH ALUMINUM FRAMES AND MUST COMPLY WITH SANS CODES 1263-1, 10137 AND 10400. TWO 1500 X 1500 mm AND ONE 1500 X 750mm TO BE PROVIDED.
7. LIFTING HOOKS FOR ACCESS SLABS TO BE PROVIDED AS SPECIFIED ON DRAWING 174860/16.

STATUS:
FOR CONSTRUCTION

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

LIST OF DRAWINGS

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