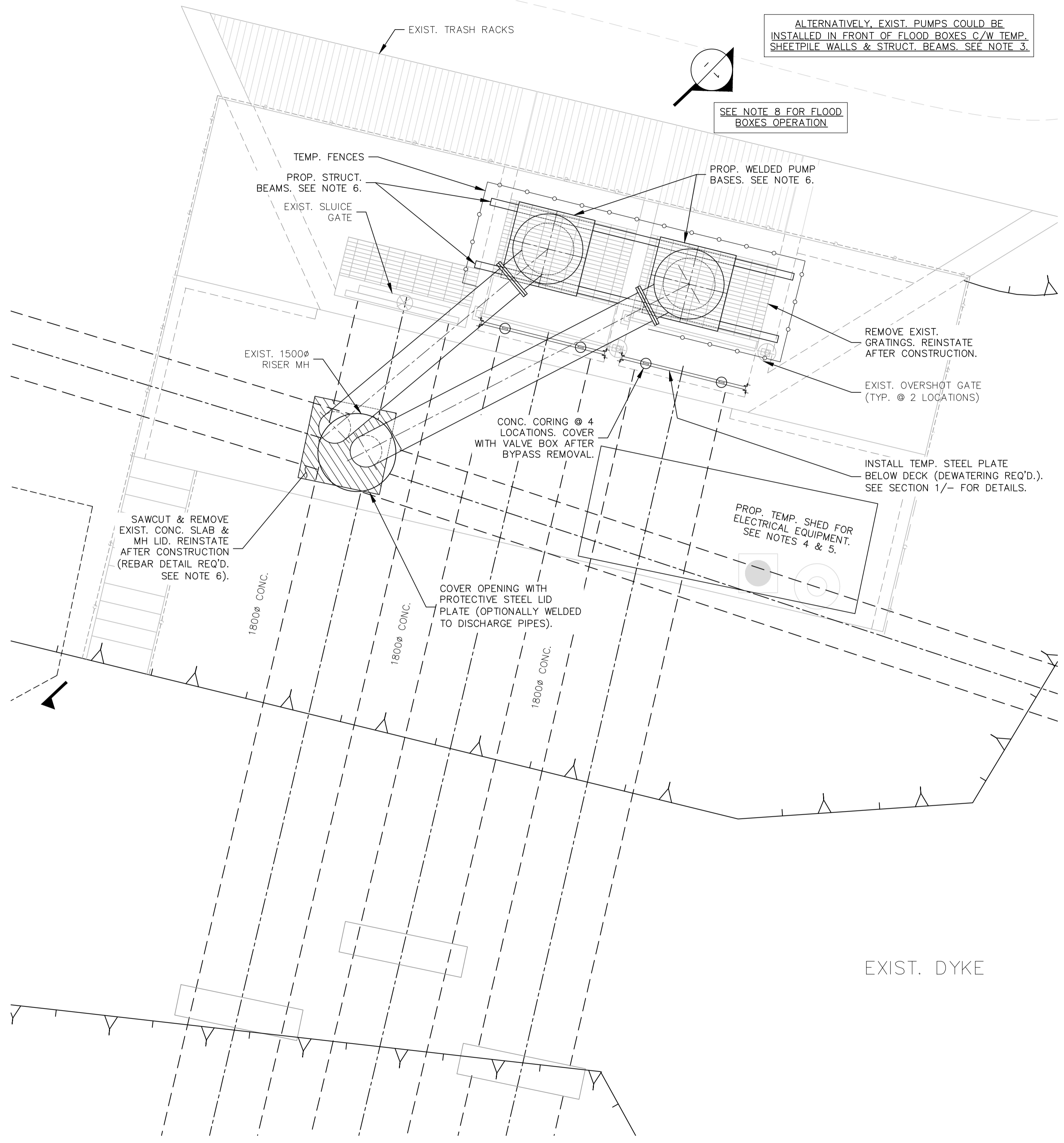
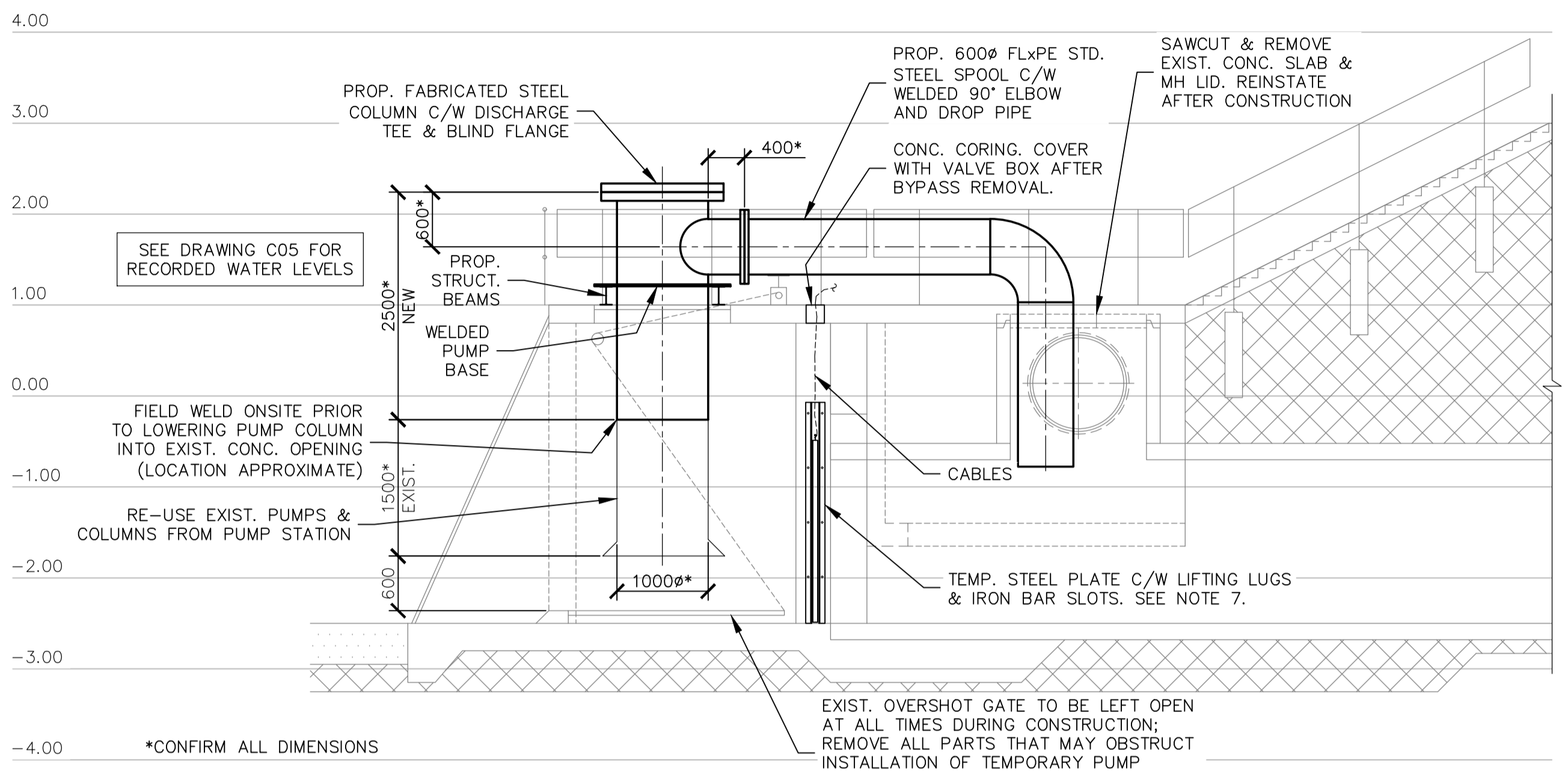


**CONCEPT CONFIGURATION ONLY  
NOT FOR CONSTRUCTION**



**PLAN – EXISTING FLOOD BOXES**  
1:50



**SECTION 1**  
1:50  
**RE-USE EXIST. PUMPS AS TEMP. BYPASS PUMPING (SCHEMATIC ONLY)**

- NOTES:**
- TEMPORARY BYPASS PUMPING AS SHOWN IS SCHEMATIC ONLY.
  - CONTRACTOR IS RESPONSIBLE FOR DESIGN, FABRICATION, INSTALLATION AND TESTING FOR THE COMPLETE TEMPORARY BYPASS PUMPING SYSTEM AND SHALL PROVIDE CERTIFICATIONS TO CONTRACT ADMINISTRATOR AS REQUIRED.
  - CONTRACTOR TO PROVIDE DETAILED BYPASS PUMPING PLAN AND DESIGN DETAILS INCLUDING ANY ALTERNATIVES PRIOR TO CONSTRUCTION FOR CONTRACT ADMINISTRATOR'S REVIEW.
  - CONTRACTOR TO REMOVE, RELOCATE, INSTALL, TEST AND COMMISSION ONE PUMP AT A TIME TO MAINTAIN PUMPING CAPACITY AT ALL TIMES. FIELD ELECTRICAL CONNECTION FROM SECONDARY ELECTRICAL SERVICE (EXISTING OR FUTURE) FOR BOTH PUMPS. IN ADDITION PROVIDE TEMPORARY POWER FOR FIRST PUMP.
  - CONTRACTOR TO SIZE AND LOCATE TEMPORARY SHED FOR PUMP ELECTRICAL EQUIPMENT.
  - CONTRACTOR SHALL CONFIRM ALL DIMENSIONS INCLUDING PUMP COLUMNS, PIPING, PUMP BASES AND STRUCTURAL BEAMS. CONTRACTOR SHALL RETAIN PROFESSIONAL STRUCTURAL ENGINEER TO DESIGN TEMPORARY SUPPORT FOR PUMP COLUMNS AND REBAR DETAIL FOR REPAIRING ALL DECK PENETRATIONS.
  - AUTOMATIC LEVEL CONTROLS ARE REQUIRED FOR BOTH BYPASS PUMPS THAT WILL OPERATE IN LEAD/LAG ARRANGEMENT. THE CITY OF SURREY WILL PROVIDE DIFFERENT LEVEL CONTROLS FOR SUMMER AND WINTER LEVELS IN PEACOCK BROOK WITH SUMMER LEVELS BEING HIGHER FOR IRRIGATION. CONTRACTOR TO ADHERE TO THESE REQUIREMENTS BOTH IN TERMS OF LEVEL CONTROL AND SEASONAL TIMING.
  - REFER TO SPECIFICATIONS FOR BYPASS REQUIREMENTS

LEGAL DESCRIPTION Parcel 1, Except Part in Plan BCP8477, District Lot 51 Group 2 NWD Plan BCP4370			
SURVEY BENCHMARK MON: 10H2614 N 5437084.653 E 511685.758	SCALE FACTOR: ELEV. 3.671m		
REV.	DATE	DESCRIPTION	BY
5			
4			
3			
2	July 19, 2022	Issued For 100% Submission	RL
1	May 6, 2022	Issued For 90% Submission	RL

CONSULTANT

**URBAN SYSTEMS**



CLIENT

**CITY OF SURREY**  
13450 - 104 AVE. SURREY, B.C., CANADA V3T 1V8

**COLEBROOK DRAINAGE P.S. REPLACEMENT**  
TEMPORARY BYPASS PUMPING SCHEMATIC

SCALE: 1:50

DATE (YYYY.MM.DD) 2022.05.06

CONSULTANT PROJ. NO. 1072.0292.01

DESIGNED SR

DRAWN RL

REVIEWED VM

DWG. NO. SK01

REV. 1

SURREY PROJECT NUMBER 6021-004

SURREY DRAWING NUMBER

DESTROY ALL PRINTS BEARING PREVIOUS NUMBER