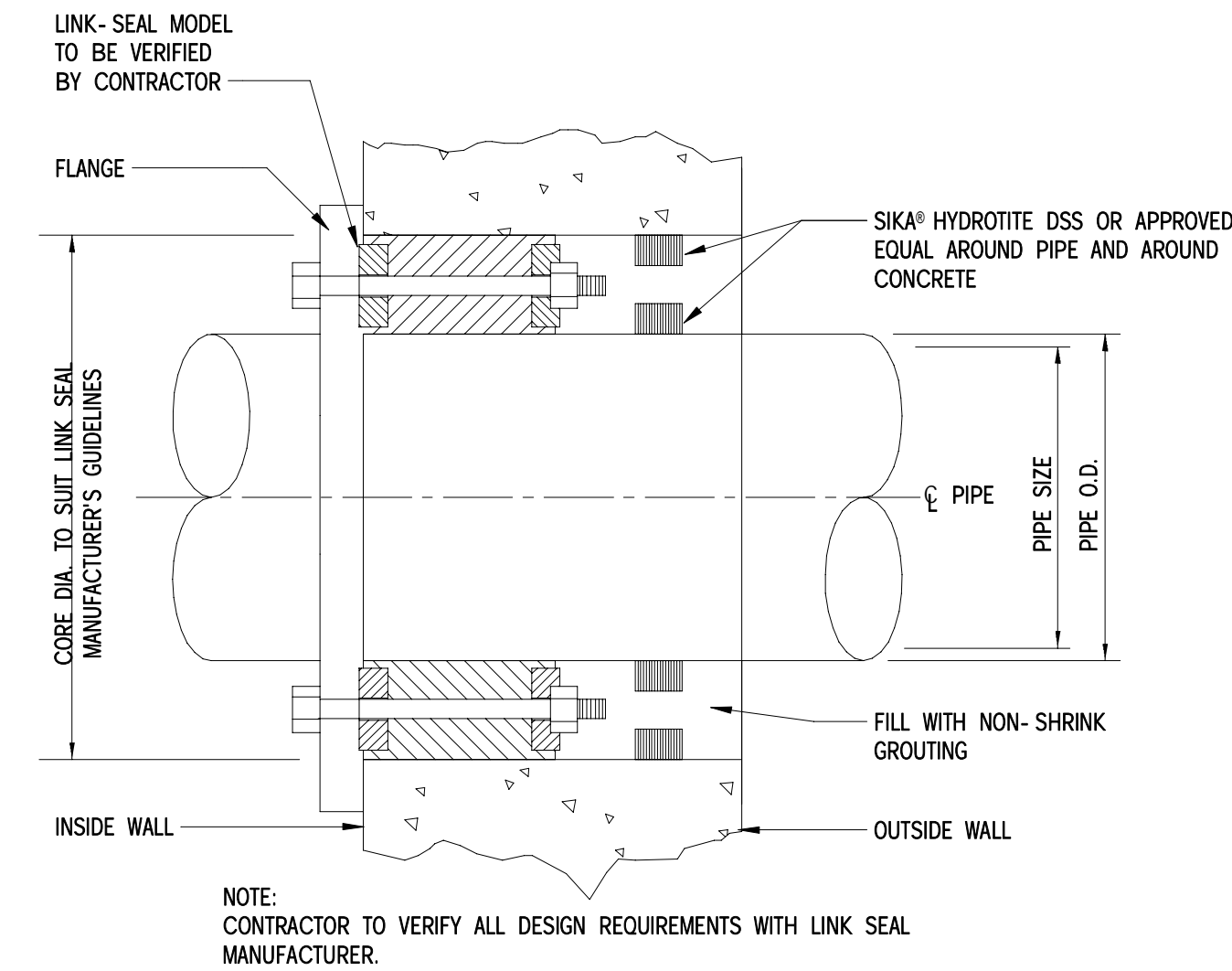


DILLON CONSULTING LIMITED 130 DUFFERIN AVENUE, SUITE 1400, LONDON, ONTARIO, N6A 5B2, PHONE (519) 438-6192, FAX (519) 672-8209

PLOT DATE: 2020-09-09 9:57:55 AM  
FILE NAME: U:\dms21090202316-10-WPWV-CON.rvt

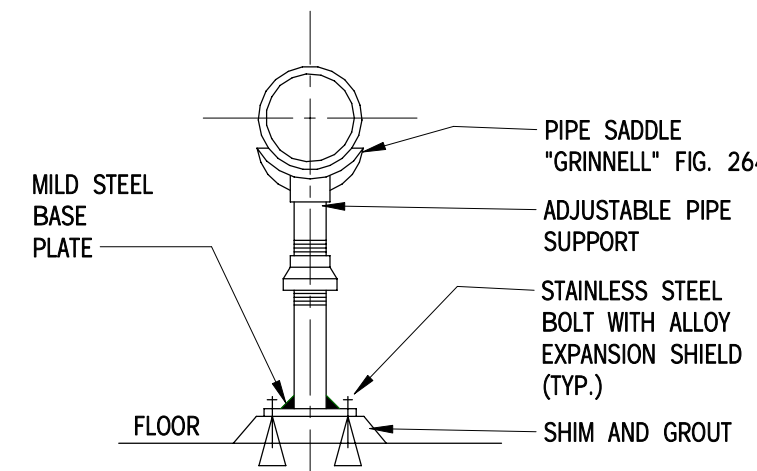


| STEEL AND PLASTIC PIPE W/SAME OUTSIDE DIAMETER |                       |                |                |
|--|-----------------------|----------------|----------------|
| PIPE SIZE (mm) (NOMINAL)                       | CORE DIA. (mm) (INS.) | LINK-SEAL SIZE | LINKS PER SEAL |
| 75   | 127                   | LS-300-S-316   | 8              |
| 150  | 254                   | LS-475-S-316   | 9              |
| 200  | 304                   | LS-475-S-316   | 12             |
| 400  | 508                   | LS-575-S-316   | 18             |
| 600  | 711                   | LS-575-S-316   | 26             |

NOTE:  
CONTRACTOR TO VERIFY INFORMATION WITH LINK-SEAL BEFORE ORDERING AND CORING.

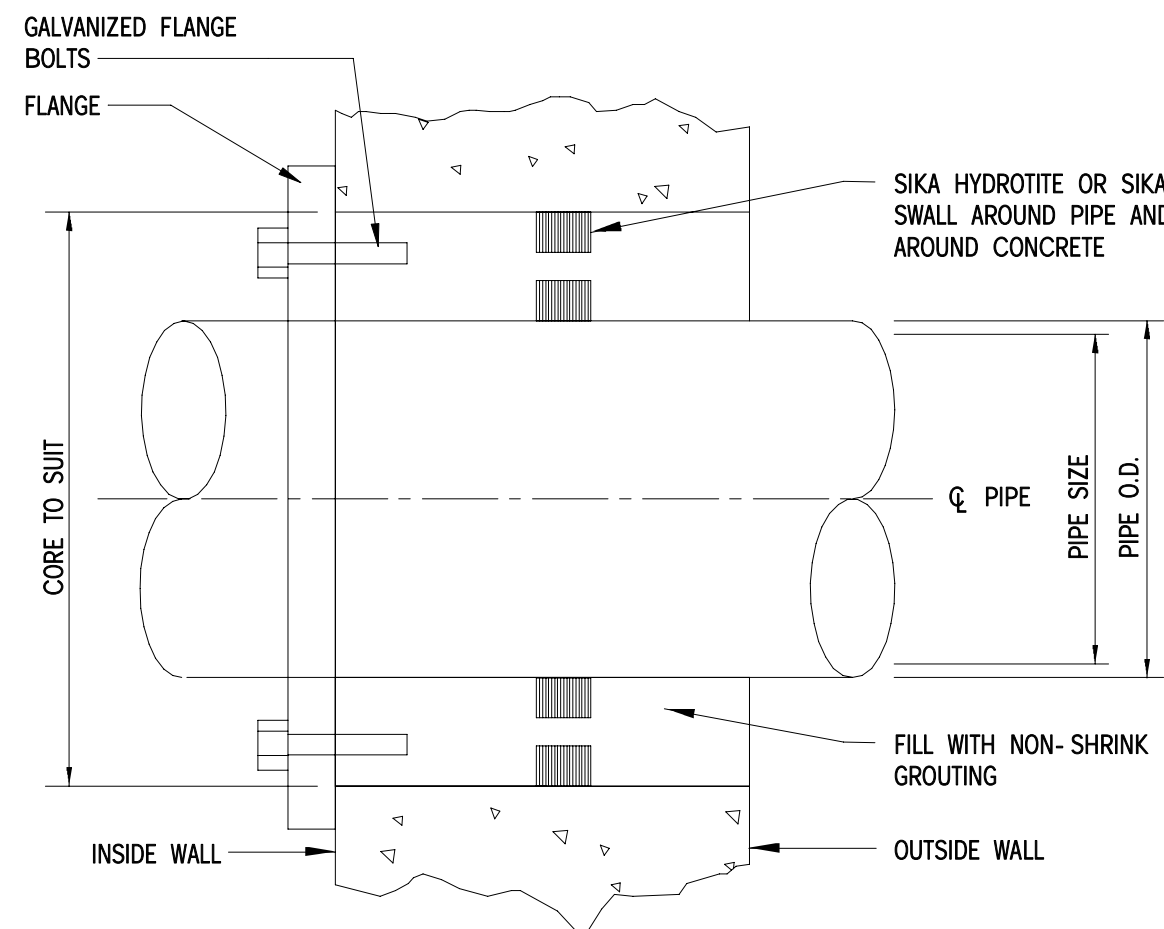
### LINK SEAL DETAIL

SCALE: 1:25



### PIPE SUPPORT DETAIL

SCALE: 1:25



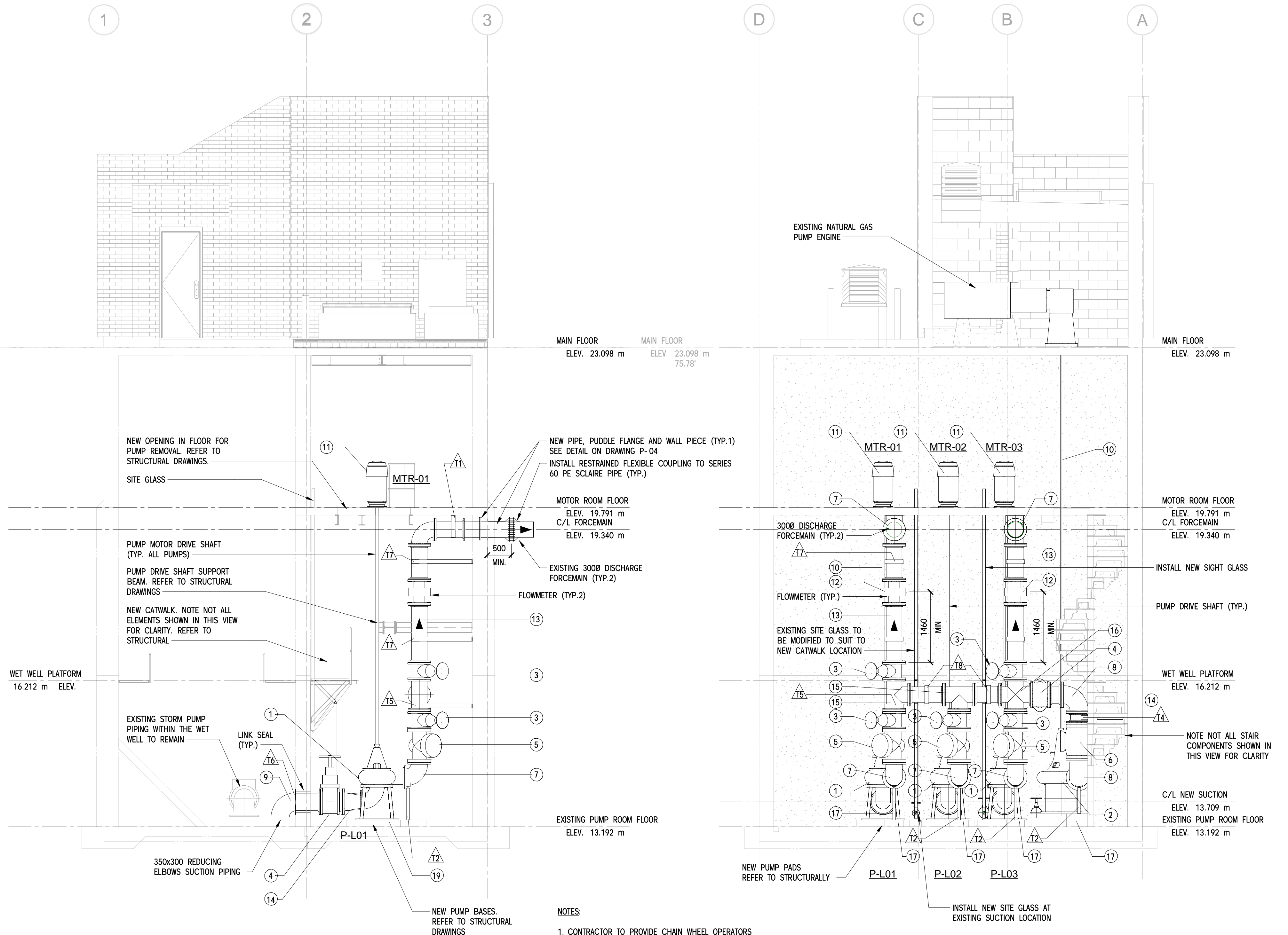
NOTE:  
CONTRACTOR TO VERIFY ALL DESIGN REQUIREMENTS WITH SEAL MANUFACTURER.

### WALL PENETRATION DETAIL

SCALE: 1:25

TENDER

NOT FOR CONSTRUCTION



### NEW SECTION 1

SCALE: 1:50

### NEW SECTION 2

SCALE: 1:50

|                                |  |  |  |                           |  |  |  |  |  |
|--------------------------------|--|--|--|---------------------------|--|--|--|--|--|
|                                |  |  |  | ENGINEER'S SEAL           |  |  |  | THE CITY OF WINNIPEG<br>WATER AND WASTE DEPARTMENT |  |
| DESIGNED BY SS                 |  |  |  | CHECKED BY CP             |  | WESTWOOD WASTE WATER PUMPING<br>STATION UPGRADES |  | CITY DRAWING NUMBER<br>1-0194L-P0004-001           |  |
| DRAWN BY SMZ                   |  |  |  | APPROVED BY BLM           |  | SHEET 13 OF 23                                   |  | CONSULTANT DRAWING NUMBER                          |  |
| HOR. SCALE<br>As indicated     |  |  |  | RELEASED FOR CONSTRUCTION |  | CONSULTANT PROJECT NUMBER<br>20-2316             |  | PROCESS - NEW SECTIONS                             |  |
| VERTICAL                       |  |  |  | DATE: SEPTEMBER 2020      |  | DATE   |  | P-04   |  |
| NO. REVISIONS                  |  |  |  | DATE                      |  | BY   |  |  |  |
| 3 ISSUED FOR TENDER            |  |  |  | 09/08/2020                |  | BLM  |  |  |  |
| 2 ISSUED FOR 99% CLIENT REVIEW |  |  |  | 07/01/2020                |  | BLM  |  |  |  |
| 1 ISSUED FOR 66% CLIENT REVIEW |  |  |  | 06/15/2020                |  | BLM  |  |  |  |

Certificate of Authorization  
Dillon Consulting Limited (MB)  
No. 1789 Date: XXXXXX