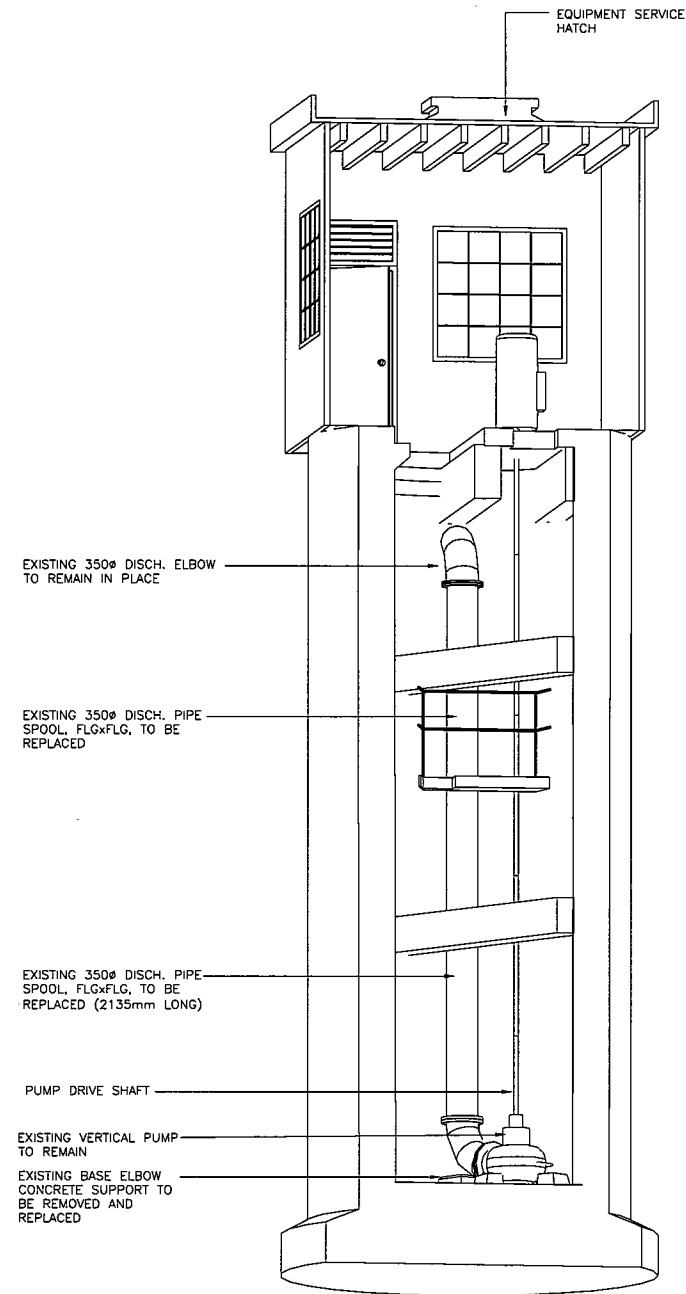
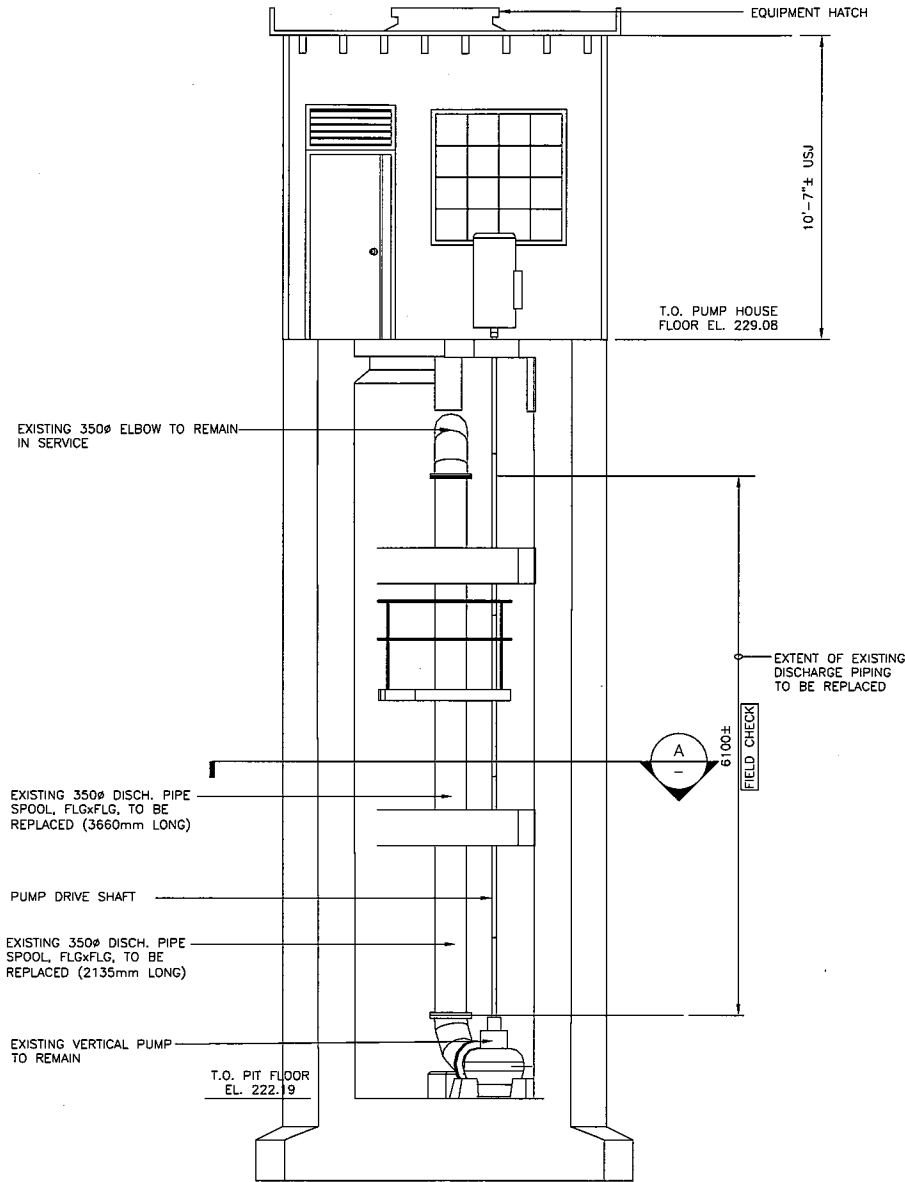


KEY NOTES

- 1 EXISTING VERTICAL PUMP, TO REMAIN IN SERVICE
- 2 EXISTING BASE ELBOW TO REMAIN IN SERVICE
- 3 EXISTING VERTICAL DISCHARGE FLANGED PIPE (2 FLANGED SPOOLS), TO BE REPLACED
- 4 EXISTING BASE ELBOW CONCRETE PAD BASE, REMOVE EXISTING PAD; TO BE REPLACED



SCOPE OF WORK
CONTRACTOR SHALL SUPPLY ALL LABOR AND MATERIALS FOR COMPLETION OF WORK AS FOLLOWS
-REMOVE EXISTING PLYWOOD FLOOR HATCH TO EXTENT REQUIRED FOR REMOVING EXISTING PIPE SPOOLS AND LOWERING NEW PIPE SPOOLS INTO SUMP PIT; ENSURE WORK AREA IS SAFE; BLOCK FREE ACCESS TO OPENING
-PROVIDE FALL ARRESTORS AND TEMPORARY SAFETY HANDRAIL AROUND HATCH OPENING. IMPLEMENT ALL SAFETY MEASURES TO ENSURE A SAFE WORKING AREA.
-REMOVE EXISTING FLANGED PIPE SPOOLS FROM PUMP PIT; CONFIRM OVERALL LENGTH BETWEEN END FLANGES
-REMOVE EXISTING BASE ELBOW CONCRETE SUPPORT BASE. CLEAN AND ROUGH UP FLOOR
-INSTALL NEW REINFORCED CONCRETE ELBOW BASE, AS SHOWN IN DETAIL C DWG. M3
-FABRICATE 2 NEW CUSTOM FLANGES TO MATCH EXISTING
-FABRICATE 2 NEW PIPE SPOOLS, FLGxPE, ALLOW 300mm FIELD TRIM ON ONE OF THE SPOOLS
-FIELD TRIM PS2 TO SUIT SITE MEASURED LENGTH BETWEEN TOP AND BOTTOM ELBOW FLANGES
-LOWER PIPE SPOOLS INTO PIT, INSTALL PIPE COUPLING & SUPPORT PIPES FROM CONCRETE BEAMS
-REINSTATE PLYWOOD FLOOR HATCH AND HATCH SUPPORTS TO ORIGINAL CONDITION

GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND PROVINCIAL MECHANICAL ENGINEERING & INSPECTIONS BRANCH REQUIREMENTS.
2. COORDINATE WORKS WITH OTHER SUB-TRADES. REFER TO SPECIFIC DETAILS FOR CUTTING AND SEALING PENETRATIONS THROUGH OPENINGS & FIRE SEPARATIONS.
3. REFER TO TECHNICAL SPECIFICATIONS FOR PIPING AND FITTINGS MATERIAL SPECIFICATIONS AND INSTALLATION CONSTRUCTION REQUIREMENTS.
4. SUPPORT PIPING TO SUIT.
5. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQ'S.
6. PERFORM ALL CUTTING & PATCHING NECESSARY FOR ANY REQUIRED OPENINGS.
7. NOT ALL EQUIPMENT/PIPING, ETC. IS SHOWN.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2011-02-23	AFG
A	ISSUED FOR REVIEW	2011-02-24	AFG

ALLIANCE
Engineering Services Inc.

DESIGNED BY	AFG/AS	CHECKED BY	AFG
DRAWN BY	AS	APPROVED BY	
HOR. SCALE	1:50	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2011-02-23	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
M1

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

RUE DE LA VERENDRYE PUMPING STATION

FLOOD PUMPING STATION
PUMP DISCHARGE PIPE REPLACEMENT
EXISTING CONDITIONS - PLAN, ELEVATION & ISOMETRIC

SHEET 1 OF 1
CITY DRAWING NUMBER
1-0154L-M0001-001

APECN
Certificate of Authorization
Alliance Engineering Services Inc.
No.2906 Date: