



KEYNOTES:

- ① PRECAST CONCRETE COVER
- ② 30" X 48" ALUMINUM HATCH WITH UPPER GUIDE BRACKET, CHAIN HOOK CABLE HOLDER, AND POSITIVE LOCK @ 90° OPENING. SEE PLAN AT GRADE FOR COVER HINGE ORIENTATION
- ③ VENT PIPE - SEE DETAIL 5403
- ④ SUBMERSIBLE PUMP (2 REQUIRED) INSTALL PER MANUFACTURER.
- ⑤ 6'-0" INSIDE DIAMETER RCP, WALL B, CLASS 3 MEETING ASTM C-478
- ⑥ GROUT CIRCLE AS RECOMMENDED BY PUMP MANUFACTURER
- ⑦ PIPE CONNECTION - SEE DETAIL 5403 (TYP)
- ⑧ SANITARY INFLUENT PIPE
- ⑨ DIP PUMP DISCHARGE (TYP OF 2)
- ⑩ PIPE SEAL GASKET - SEE DETAIL 5403 (TYP)
- ⑪ FIBERGLASS FALL PROTECTION GRATING
- ⑫ MJ GATE VALVES W/2" NUT OPERATOR EXTENSION AND VALVE BOX TO GRADE (SEE DETAIL 5403)
- ⑬ MJ REDUCER
- ⑭ LIFT STATION DISCHARGE FORCEMAIN
- ⑮ 2 - #5 X 4'-0" LONG DIAG. BARS AT EACH CORNER, TOP AND BOTTOM
- ⑯ MJ PLUG VALVE W/2" NUT OPERATOR EXTENSION AND VALVE BOX TO GRADE (SEE DETAIL 5403)

GENERAL NOTES:

1. SEE CIVIL DWGS FOR SITE PLAN AND ROUTING OF PIPES
2. CONTRACTOR TO VERIFY EXISTING CONDITIONS
3. PAINT ALL INTERIOR MANHOLE CONCRETE, INTERIOR AND EXTERIOR PIPING WITH (2) COATS OF EPOXY PAINT
4. SEE DETAIL 5403 FOR PIPE BEDDING (TYP)

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| FILE NAME: G:\ENG\SPCEGS\5401B |
| ENGINEERING DEPARTMENT |
| REVISED: 1-22 |
| PLATE: 5401-B |
| LIFT STATION STANDARD DETAIL (PLAN) |
| CITY OF CHANTHANSEN |