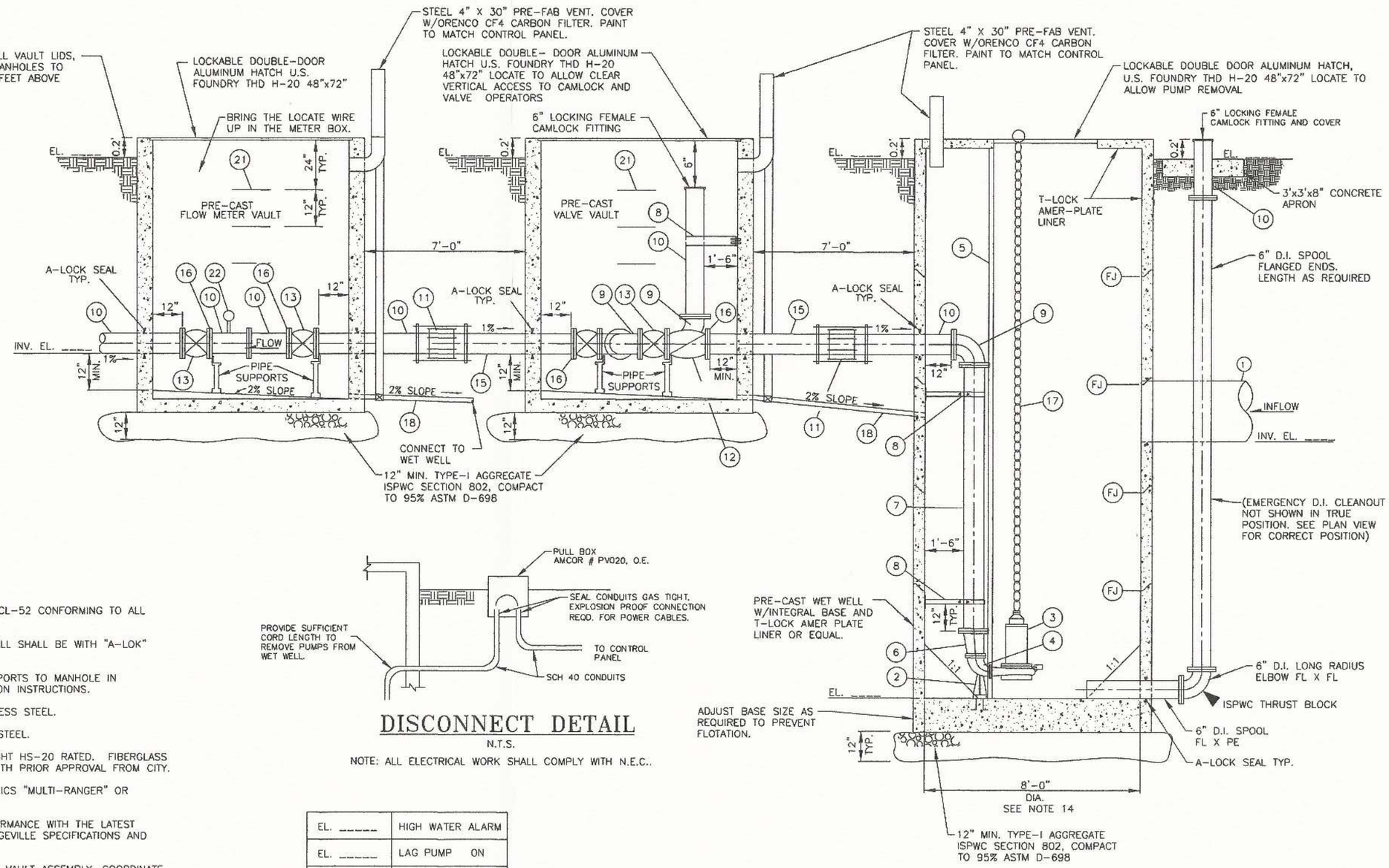

SECTION A/1

N.T.S.

DISCONNECT DETAIL

N.T.S.

NOTE: ALL ELECTRICAL WORK SHALL COMPLY WITH N.E.C..

NOTES:

1. EXCEPT AS NOTED, ALL PIPE IS DUCTILE IRON CL-52 CONFORMING TO ALL RELEVANT AWWA STANDARDS.
2. ALL PIPE PENETRATIONS THROUGH MANHOLE WALL SHALL BE WITH "A-LOK" WATER TIGHT MANHOLE ADAPTERS.
3. CONNECT PUMP GUIDE RAIL(S) AND PUMP SUPPORTS TO MANHOLE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. ALL ANCHOR BOLTS & SHIMS SHALL BE STAINLESS STEEL.
5. ALL METAL IN WET WELL SHALL BE STAINLESS STEEL.
6. ALL VAULTS AND WET WELL SHALL BE WATERTIGHT HS-20 RATED. FIBERGLASS "PREFABRICATED" UNITS MAY BE ACCEPTABLE WITH PRIOR APPROVAL FROM CITY.
7. ULTRASONIC LEVEL SENSOR SHALL BE MILLTRONICS "MULTI-RANGER" OR APPROVED EQUAL.
8. ALL WORK AND PRODUCTS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE ISPWC AND THE CITY OF GRANGEVILLE SPECIFICATIONS AND STANDARDS.
9. FORCE MAIN SEPARATION DETERMINED BY VALVE VAULT ASSEMBLY. COORDINATE WITH PUMP RAIL MANUFACTURER ON SEPARATION OF PUMP AND GUIDE RAIL ASSEMBLY.
10. CONTRACTOR SHALL DETERMINE SIZE OF VAULTS REQUIRED TO ACHIEVE MINIMUM CLEARANCES SHOWN, BASED ON SPECIFIC COMPONENTS FURNISHED AND INSTALLED.
11. PROVIDE REMOTE MONITORING AND ALARM. SENSAPHONE SERIES 1100 OR APPROVED EQUAL. COORDINATE WITH CITY FOR DIAL-OUT NUMBERS AND MONITORED CONDITIONS.
12. INSTALL 6' HIGH CHAIN LINK FENCE AROUND STATION WITH 8' WIDE VEHICULAR ACCESS GATE.
13. USE PVC CONDUIT BELOW GRADE, OUTSIDE OF VAULTS, FOR BRANCH CIRCUITS TO SITE LIGHTING, TELEPHONE AND AUXILIARY CIRCUITS. CONDUIT SHALL BE UL LISTED AND SHALL BE IN CONFORMANCE WITH NEC AND NEMA STANDARDS.
14. LESS THAN 100 GPM PUMP SIZE CAN BE 6' INSIDE DIAMETER WET WELL.

EL. _____	HIGH WATER ALARM
EL. _____	LAG PUMP ON
EL. _____	LEAD PUMP ON
EL. _____	LEAD PUMP OFF
EL. _____	LAG PUMP OFF
EL. _____	LOW WATER ALARM

LEVEL CONTROL SETTINGS

N.T.S.

NOTE: SET MILLTRONICS LEVEL CONTROL TO ELEVATIONS SHOWN.

SEWER LIFT STATION STANDARD	DATE:	SS-514
	REV. # 1	
	ACAD FILE: SS-514.DWG	STANDARD DRAWING NO.