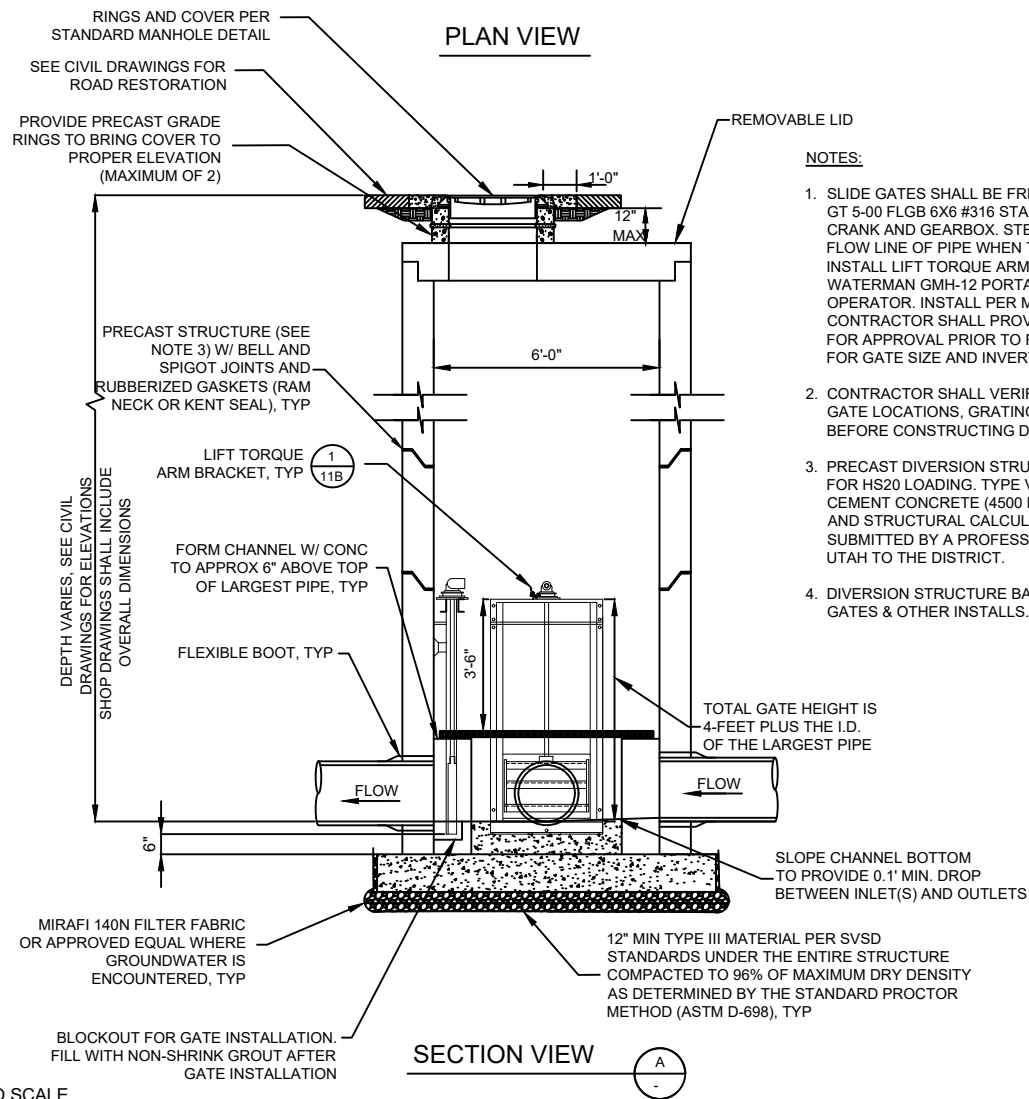


PLAN VIEW



SECTION VIEW

NOTES:

1. SLIDE GATES SHALL BE FRESNO 8200 SERIES NON-RISING STEM GT 5-00 FLGB 6X6 #316 STAINLESS STEEL FR/FSTR WITH 9" HAND CRANK AND GEARBOX. STEM SHALL NOT PROTRUDE THROUGH FLOW LINE OF PIPE WHEN THE GATE IS OPEN. PROVIDE AND INSTALL LIFT TORQUE ARM BRACKET COMPATIBLE WITH WATERMAN GMH-12 PORTABLE GAS ENGINE DRIVEN HYDRAULIC OPERATOR. INSTALL PER MANUFACTURER'S REQUIREMENTS. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO DISTRICT FOR APPROVAL PRIOR TO FABRICATION. SEE CIVIL DRAWINGS FOR GATE SIZE AND INVERT ELEVATIONS
2. CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING PIPES, GATE LOCATIONS, GRATING, EXACT STRUCTURE LOCATION, ETC. BEFORE CONSTRUCTING DIVERSION STRUCTURE.
3. PRECAST DIVERSION STRUCTURE SHALL BE DESIGNED RATED FOR HS20 LOADING. TYPE V SULFATE RESISTANT PORTLAND CEMENT CONCRETE (4500 PSI) SHALL BE USED. SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SHALL BE STAMPED & SUBMITTED BY A PROFESSIONAL ENGINEER IN THE STATE OF UTAH TO THE DISTRICT.
4. DIVERSION STRUCTURE BASE SHALL BE PREFABRICATED WITH GATES & OTHER INSTALLS.

NO SCALE



**JORDAN BASIN**  
IMPROVEMENT DISTRICT

*DIVERSION STRUCTURE  
DETAIL (1)*

DRAWN:	DESIGNED:	CHECKED:	APPROVED:
DATE AUG 2024	FILE NAME	DRAWING NAME SS-10A	