

JENSEN DIVERTER STRUCTURE

MODEL: JD - V466

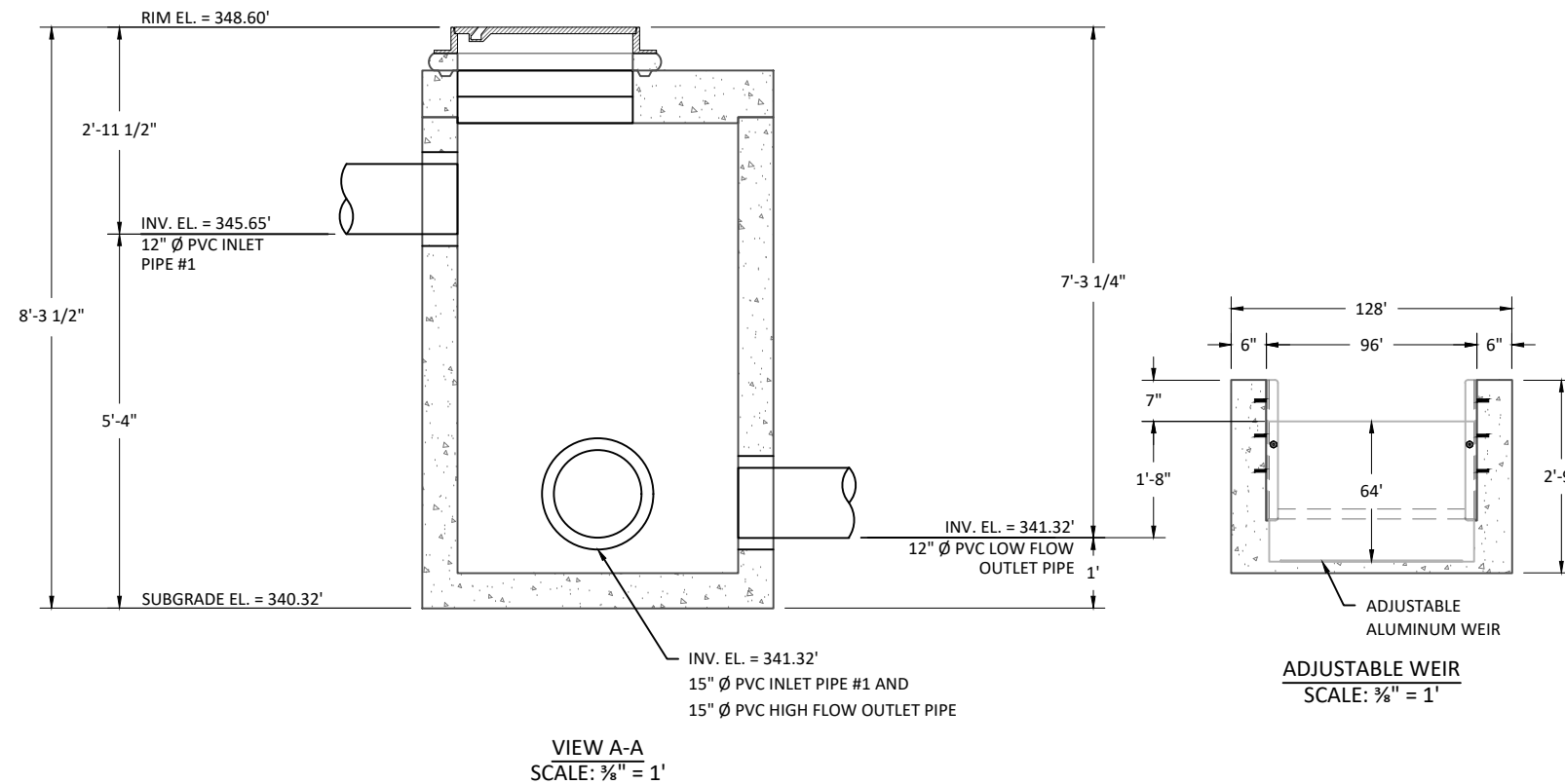
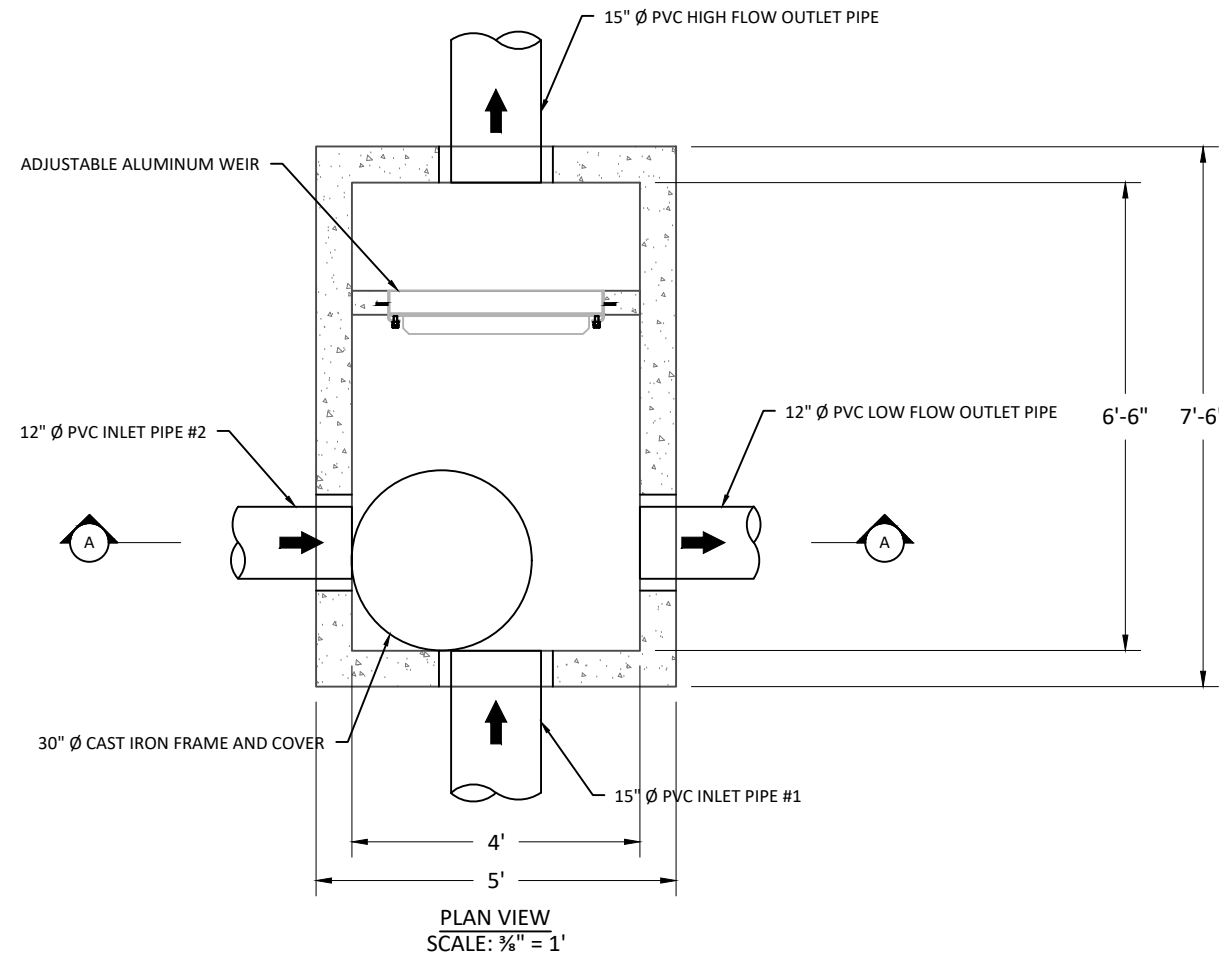
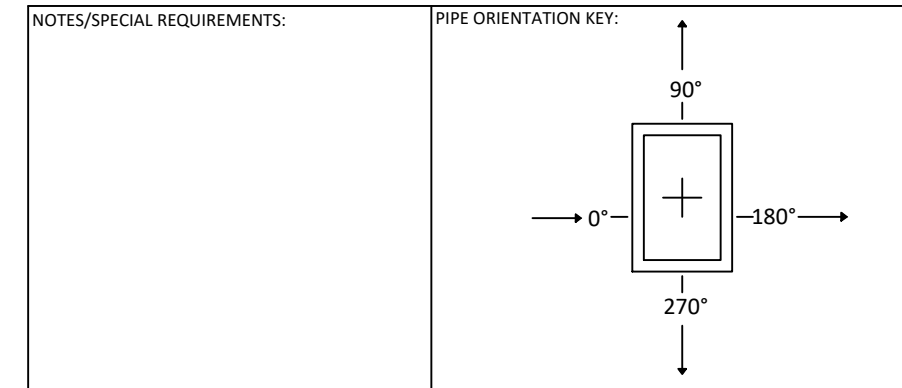
DIVERSION VAULT DATA :

DIVERTED WATER QUALITY FLOW RATE (CFS)	XX-CFS (XXX-GPM)
VAULT WIDTH	4'-0"
VAULT LENGTH	6'-6"
RIM ELEVATION (FT)	47.24'

PIPE DATA	DIAMETER	MATERIAL	INV. EL.	ORIENTATION
INLET PIPE #1	15"	PVC	341.32' ±	270°
INLET PIPE #2	12"	PVC	345.65' ±	0°
HIGH FLOW OUTLET PIPE	15"	PVC	341.32' ±	90°
LOW FLOW OUTLET PIPE	12"	PVC	341.32' ±	180°

WEIR CREST ELEVATION	342.12' ±
HEIGHT OF THE WEIR (ABOVE INLET INVERT)	9.6"
WEIR WALL ELEVATION	342.71' ±
WEIR ORIENTATION	0°
FLOOR ELEVATION	41.03' ±

NOTES/SPECIAL REQUIREMENTS:



CONSTRUCTION NOTES :

1. CONTRACTOR TO VERIFY VERTICAL DIMENSIONS OF ALL PRECAST PIECES IN FIELD.
2. VERIFY SUBBASE ELEVATION BEFORE PLACING PRECAST COMPONENTS OR BACKFILLING.
3. APPLY BUTYL MASTIC AND/OR GROUT TO SEAL JOINTS OF STRUCTURE.
4. APPLY LOAD TO MASTIC SEAL IN JOINTS OF VAULT/MANHOLE SECTIONS TO COMPRESS SEALANT IF NECESSARY. UNIT MUST BE WATER TIGHT, HOLDING WATER UP TO FLOWLINE INVERT (MINIMUM).
5. CONTRACTOR TO GROUT SEAL INLET AND DISCHARGE PIPES TO VAULT/MANHOLE WALL IF NOT USING PIPE TO MH/VAULT WALL GASKET COUPLING.
6. ALL INTERNAL COMPONENTS INSTALLED BY MANUFACTURER
7. BLOCK AND/OR GROUT PACK BENEATH FRAMES AND COVERS TO MATCH FINISHED GRADE.

MATERIALS :

1. ALL DIMENSIONS ARE IN DECIMAL INCHES
2. PRECAST MATERIALS AND MANUFACTURING METHODS SHALL CONFORM TO ASTM C-857/ C-478 AND ASSHTO LOADING METHOD.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH F'c = 5,000-psi AT 28-DAYS
4. THE PORTLAND CEMENT USED IN THE PRECAST SECTION SHALL MEET THE REQUIREMENTS OF TYPE II/V HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM CLASS M C-150

MODEL: JD-V466 JENSEN DIVERTER AND BYPASS STRUCTURE	PROJECT: PROJECT NAME CITY, STATE		521 DUNN CIRCLE, SPARKS, NV 89431-6312 (877) 649-0095 FAX (775) 440-2013	
	ORG. DWG. DATE 1/5/2016	SCALE: 3/8" = 1'		