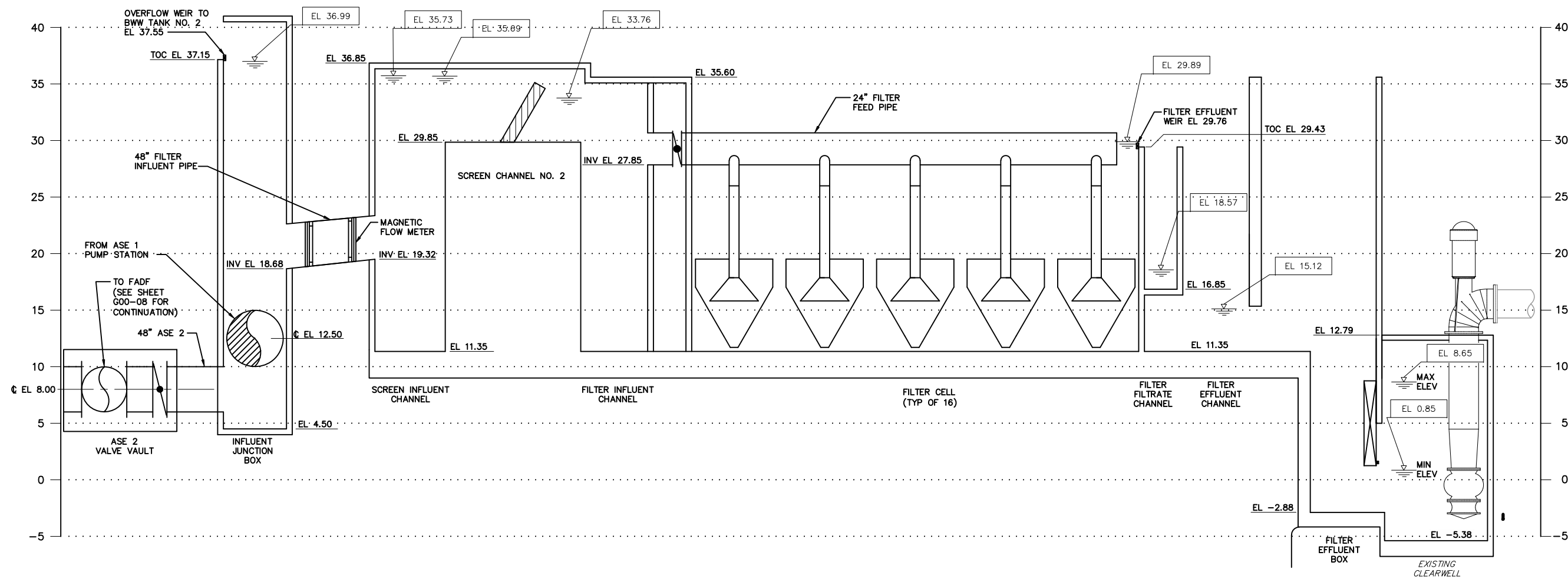


User: NICHOLSO Spec: ARLINGTON CNTY File: I:\Phase 8\Sheets\GENERAL\G00-07.DWG Scale: 1:1 Date: 08/30/2011 Time: 23:29 Layout: G00-07



BASIS OF HYDRAULIC PROFILE

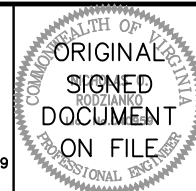
FLOW DESCRIPTION	FLOW TO WWF FACILITY (mgd)	TOTAL REJECT WATER (mgd)	GRAVITY FILTER CELLS IN SERVICE	DYNASAND FILTERS PER CELL	FILTER HYDRAULIC LOADING RATE (gpm/SF)	TOTAL FILTER SURFACE AREA (SF)
MAXIMUM FLOW	57.6	5.7	16	10	5	8000

EL XX.X — DENOTES MAXIMUM FLOW

DESIGNED	NKF
DRAWN	HBD
CHECKED	GJD
PROJ. ENGR.	PJH
CAD REF. NO.	G00-07
APPROVED	

HORIZONTAL DATUM IS REFERENCED TO VIRGINIA STATE GRID, NORTH AMERICAN DATUM 1983 (NAD 83)

VERTICAL DATUM IS REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29)



MALCOLM PIRNIE
Independent Environmental Engineers, Scientists & Consultants
1101 Wilson Boulevard Suite 1400
Arlington, VA 22209



ARLINGTON COUNTY
WATER POLLUTION CONTROL PLANT

WET WEATHER FILTRATION FACILITY RETROFIT
PHASE 8

GENERAL

HYDRAULIC PROFILE - INFLUENT JUNCTION BOX
TO EXISTING CLEARWELL

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

DATE: JUNE 2011
DRAWING NUMBER: **G00-07**
SHEET 01 OF