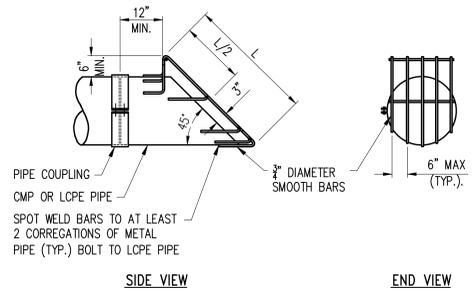
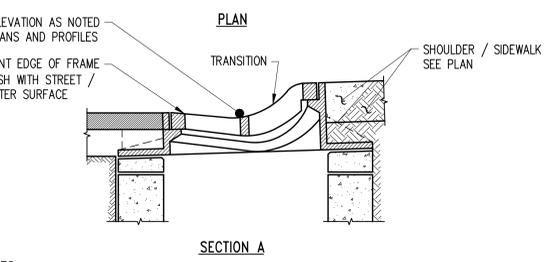
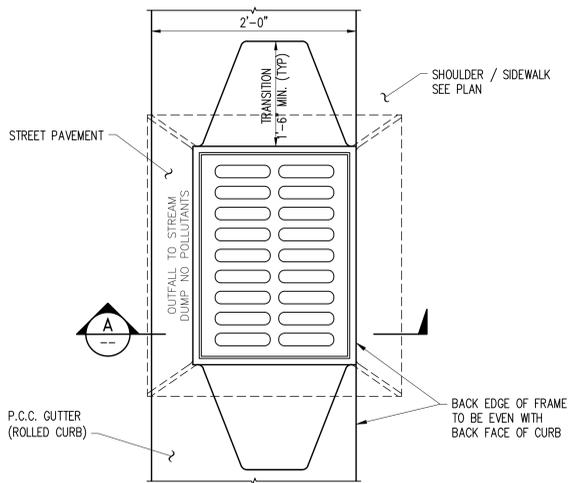


ELBOW RESTRICTOR DETAIL
NTS

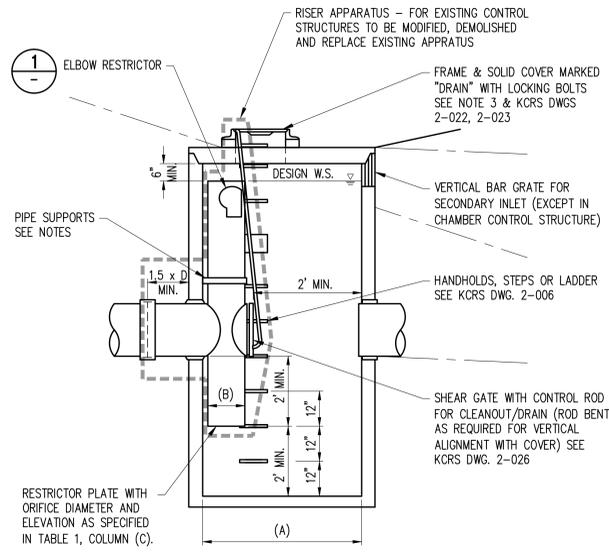


DEBRIS BARRIER DETAIL
NTS

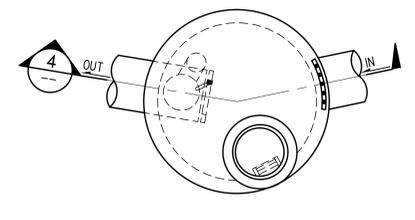


NOTES:
1. SET FRAME TO GRADE AND CONSTRUCT ROAD AND CURB TO BE FLUSH AT FRONT AND BACK OF FRAME.
2. SEE SEC. 7.05.

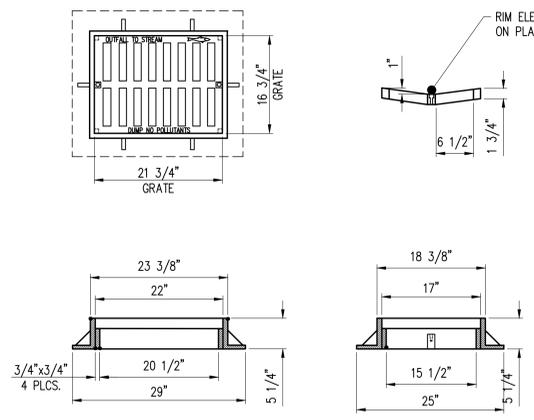
ROLLED CURB FRAME AND GRATE DETAIL
NTS



TYPICAL SECTION
SCALE: 1"=2"



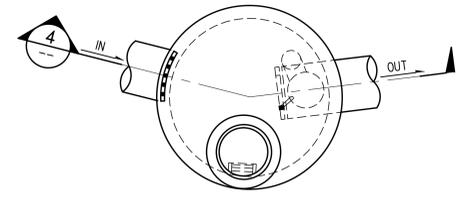
SDCB F2 FLOW CONTROL STRUCTURE PLAN
SCALE: 1"=2"



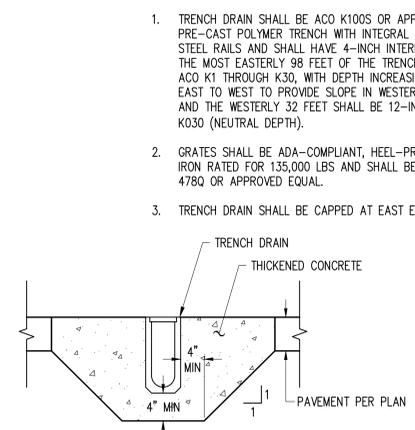
VALLEY GRATE DETAIL
1"=1"

CONTROL STRUCTURE	SERVING POND	TABLE 1 (NEW AND EXISTING CONTROL STRUCTURE DETAILS)									
		(A)		(B)		(C)		(D)			
		MANHOLE	RISER	LOWER ORIFICE		UPPER ORIFICE					
		DIA	DIA	EX	NEW	EX	NEW	EX	NEW		
EX.	S-1	54"	18" (EX)	1.0"	2.0"	480.89'	481.00'	2.5"	3.5"	484.29'	484.60'
EX.	S-3	54"	12" (EX)	1.0"	1.13"	488.84'	489.00'	1.5"	2.25"	492.49'	492.60'
NEW	SDCB F2	N	18"	N/A	1.4"	N/A	499.00'	N/A	2.0"	N/A	505.50'
NEW	SDCB C1	S-2	54"	12"	N/A	0.5"	N/A	488.20'	N/A	0.8125'	491.90'
NEW	SDCB	N-MIT.	54"	18"	N/A	1.5"	N/A	481.00'	N/A	5"	485.80'

- NOTES:
- METAL PARTS: CORROSION RESISTANT, NON-GALVANIZED PARTS PREFERRED. GALVANIZED PIPE PARTS TO HAVE ASPHALT TREATMENT 1.
 - FRAME AND LADDER OR STEPS OFFSET SO:
 - CLEANOUT GATE IS VISIBLE FROM TOP.
 - CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
 - FRAME IS CLEAR OF CURB.
 - IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE: OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4".
 - PROVIDE AT LEAST ONE 3" X .090 GAGE SUPPORT BRACKET ANCHORED TO CONCRETE WALL. (MAXIMUM 3'-0" VERTICAL SPACING)
 - LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MINIMUM CLEARANCE AS SHOWN.
 - LOCATE ADDITIONAL LADDER RUNGS IN STRUCTURES USED AS ACCESS TO TANKS AND VAULTS TO ALLOW ACCESS WHEN CATCH BASIN IS FILLED WITH WATER.

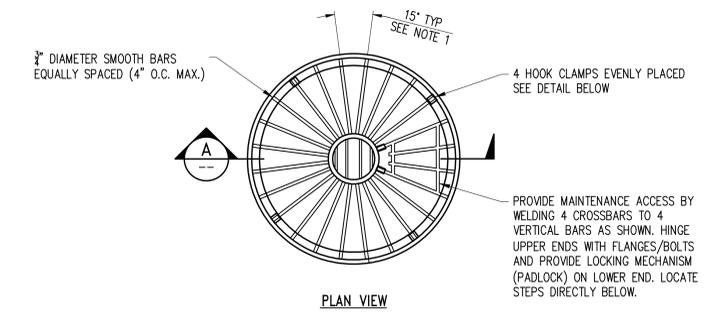


SDCB C1 FLOW CONTROL STRUCTURE PLAN
SCALE: 1"=2"

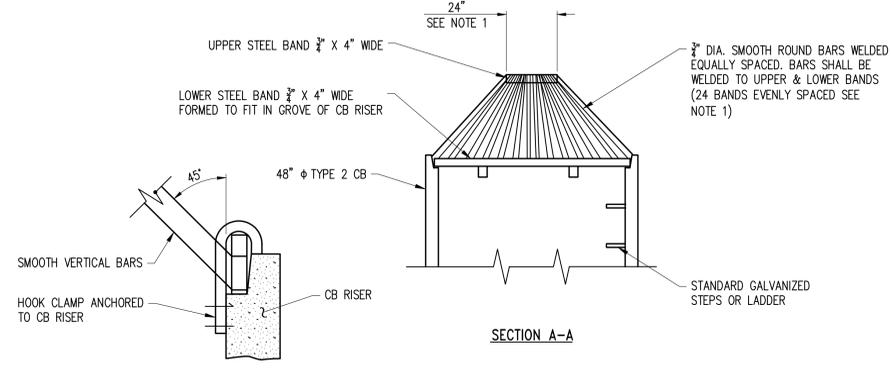


TRENCH DRAIN SECTION
1"=1"

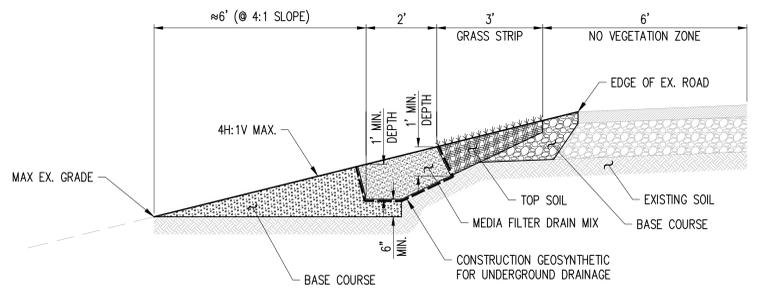
- NOTES:
- TRENCH DRAIN SHALL BE ACO K100S OR APPROVED EQUAL PRE-CAST POLYMER TRENCH WITH INTEGRAL GALVANIZED STEEL RAILS AND SHALL HAVE 4-INCH INTERNAL WIDTH. THE MOST EASTERLY 98 FEET OF THE TRENCH SHALL BE ACO K1 THROUGH K30, WITH DEPTH INCREASING FROM EAST TO WEST TO PROVIDE SLOPE IN WESTERLY DIRECTION, AND THE WESTERLY 32 FEET SHALL BE 12-INCH DEEP ACO K030 (NEUTRAL DEPTH).
 - GRATES SHALL BE ADA-COMPLIANT, HEEL-PROOF CAST IRON RATED FOR 135,000 LBS AND SHALL BE ACO TYPE 47BQ OR APPROVED EQUAL.
 - TRENCH DRAIN SHALL BE CAPPED AT EAST END.



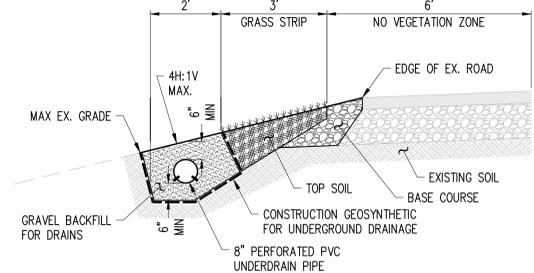
OVERFLOW STRUCTURE GRATE DETAIL
NTS



- NOTES:
- METAL PARTS MUST BE CORROSION RESISTANT; STEEL BARS MUST BE GALVANIZED.



MEDIA FILTER DRAIN
1"=2"



ROADSIDE FRENCH DRAIN
1"=2"

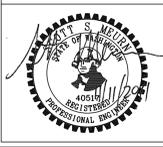
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Drawing Title
POND DETAILS
Approved Project Director

Project Title
**TAHOMA NATIONAL CEMETERY
PHASE 2 GRAVESITE DEVELOPMENT**
8600 SE 240TH STREET, KENT WASHINGTON

Project Number
919PC2007

Drawing Reference Number
083

Drawing Number
L3.18

Location
KENT, WASHINGTON

Date
9-15-2011

Checked
SSM

Drawn
JMM

Office of
**Construction
and Facilities
Management**

Department of
Veterans Affairs

No. 11, 2011 - 13, 50m
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 one quarter inch = one foot
 three eighths inch = one foot
 one half inch = one foot
 three quarters inch = one foot
 one inch = one foot
 one and one half inches = one foot
 two inches = one foot
 three inches = one foot
 four inches = one foot
 five inches = one foot
 six inches = one foot
 seven inches = one foot
 eight inches = one foot
 nine inches = one foot
 ten inches = one foot
 eleven inches = one foot
 twelve inches = one foot