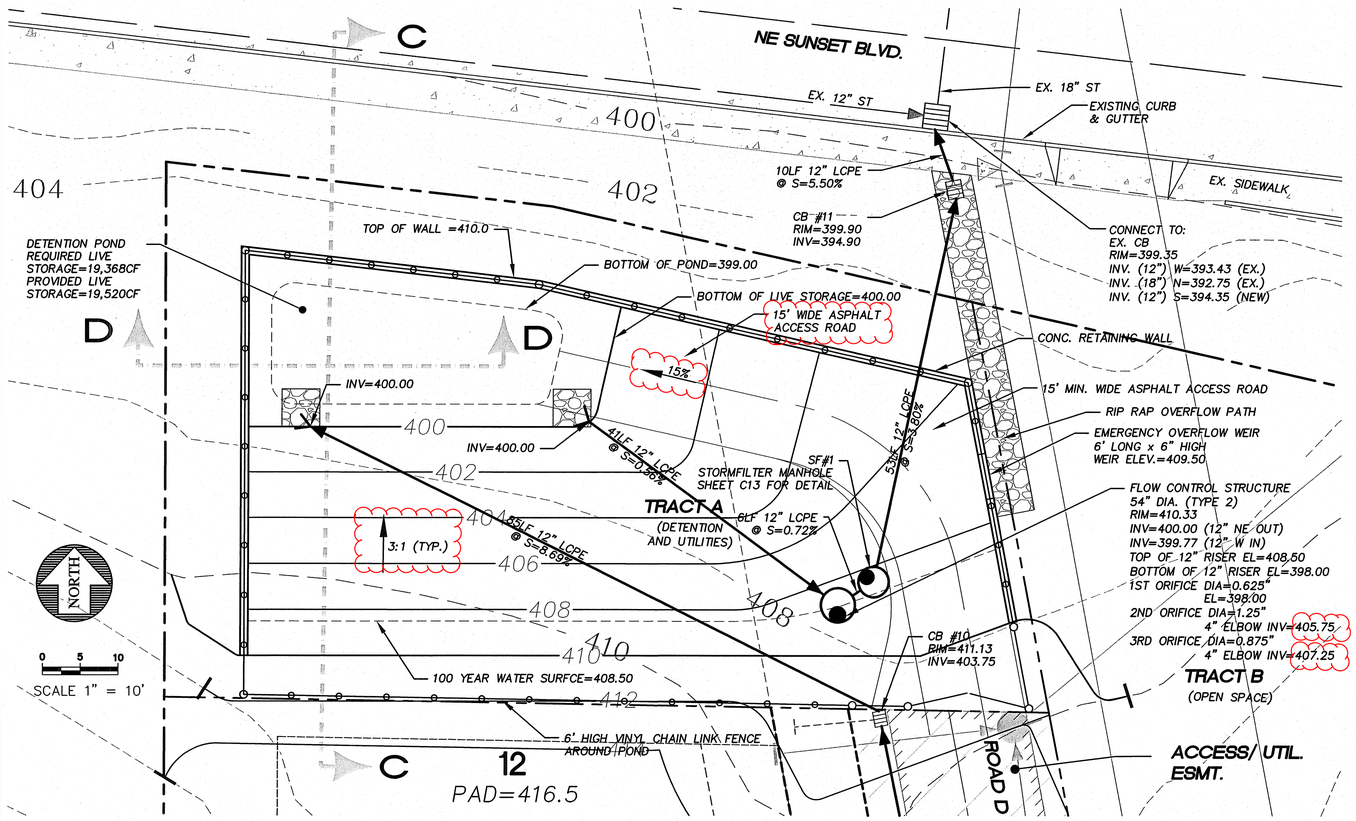
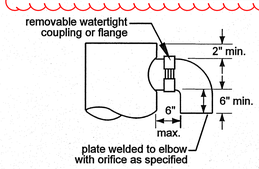
REVISIONS:

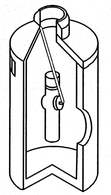
PORTION OF THE S.E. 1/4, S.E. 1/4, SECTION 4, TOWNSHIP 23 NORTH, RANGE 5 EAST, W.M.



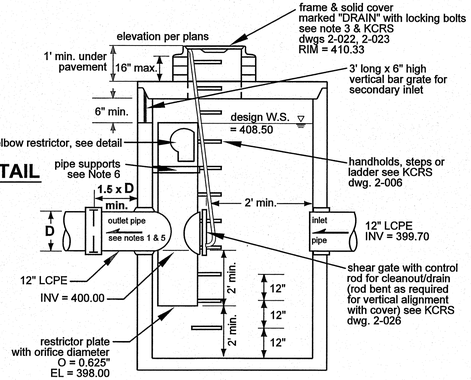
	ELBOW DIAMETER	ELBOW INV.	ORIFICE DIAMETER
2ND ORIFICE	4"	405.75	1.25"
3RD ORIFICE	4"	407.25	0.875"



ELBOW RESTRICTOR DETAIL
NTS



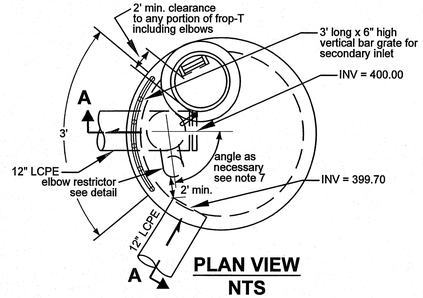
ISOMETRIC
NTS



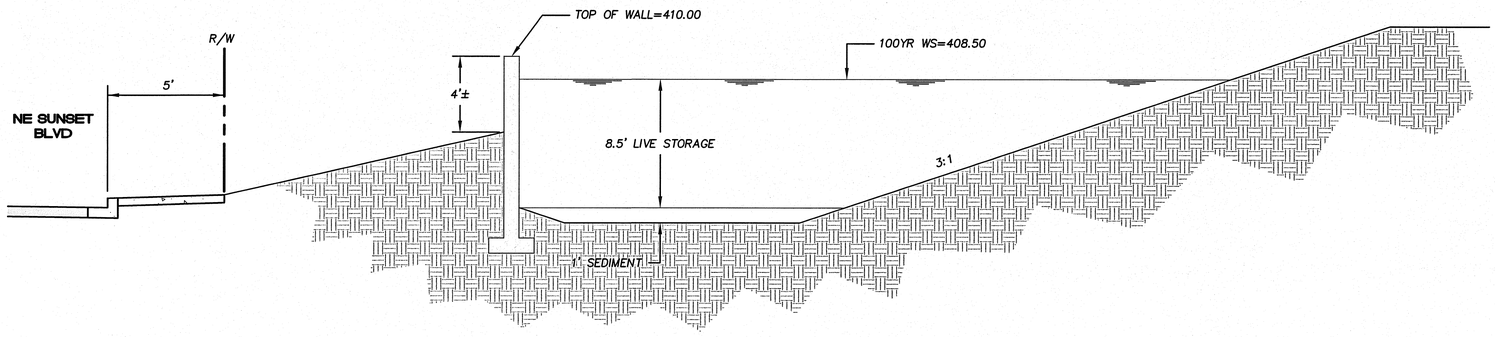
SECTION A-A
NTS

NOTES:

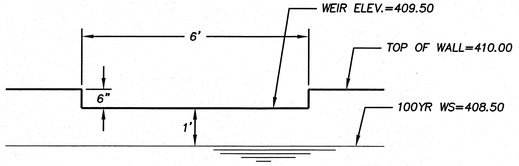
1. Use a mimimum of a 54" diameter type 2 catch basin.
2. Outlet Capacity: 100-Year developed peak flow.
3. Metal Parts: Corrosion resistant. Non-Galvanized parts perferred. Galvanized pipe parts to have asphalt treatment 1.
4. Frame and ladder or steps offset so:
   A. Cleanout gate is visible from top.
   B. Climb-down space is clear of riser and cleanout gate.
   C. Frame is clear of curb.
5. If metal outlet pipe connects to cement concrete pipe: outlet pipe to have smooth O.D. equal to concrete pipe I.D. less $\frac{1}{4}$".
6. Provide at least one 3" X .090 gage support bracket anchored to concrete wall. (maximum 3'-0" vertical spacing)
7. Locate elbow restrictor(s) as necessary to provide minimum clearance as shown.
8. Locate additional ladder rungs in structures used as access to tanks and vaults to allow access when catch basin is filled with water.
9. Tee shall be constructed of aluminum CMP or aluminized steel CMP meeting WSDOT/APWA standards.



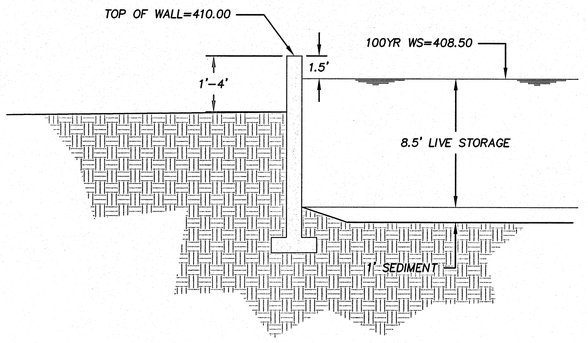
PLAN VIEW
NTS



DETENTION POND (SECTION C-C)
NTS



EMERGENCY OVERFLOW WEIR
NTS



DETENTION POND (SECTION D-D)
NTS

R-337214

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

CHECKED FOR COMPLIANCE TO CITY STANDARDS
Date
Date
Date

RECOMMENDED FOR APPROVAL
BY:
BY:

CD:
DATE:
FILEBOOK:
PAGE:
DRAWING NO.: C14
SHEET 14 OF 29

STR:
REEDSHAW PLAT
DETENTION POND PLAN AND SECTIONS

PAPER SPACE:
PLOT SCALE:
CITY OF RENTON

PLOT DATE:
VERTICAL: NAVD 1988
HORIZONTAL: NAD83/91
DATUM

SCALE: NONE
ONE INCH
AT FULL SCALE IF NOT ONE INCH SCALE ACCORDINGLY

NO.	REVISION	BY	DATE	APPR
2	PER CITY OF RENTON COMMENTS	JGC	08-29-07	LEL

SURVEYED:
DESIGNED: LEL
DRAWN: VK
CHECKED: GAD
APPROVED:

XREF:
FILENAME:

Pacific Engineering Design, LLC
Civil Engineering and Planning Consultants
15445 53RD AVE. S.
SEATTLE, WA 98188
PHONE: (206) 431-7970
FAX: (206) 388-1648
WEB SITE: PACENG.COM

REEDSHAW PLAT
RENTON, WA

FOR:
CALLIDUS DEVELOPMENT INC.
16838 SE 43RD STREET
ISSAQUAH, WA 98027
PHONE: (425) 818-8829 FAX: (425) 818-8843

PROJECT NO.: 12007
DRAWN BY: TLR/CJB
ISSUE DATE: 12/05/06
SHEET REV.: 08/09/2012

DETENTION POND PLAN AND SECTIONS

06085DT01-VAULT-C14.DWG

C14
SHEET 14 OF 29