DATE: May 1, 2012

TO: Material Suppliers and Contractors

FROM: Drew Woodruff, P.E., City Engineer

SUBJECT: Domestic Steel Requirements

The City of West Richland has made a change on material requirements on all pipe fittings, valve boxes, rings and covers, lids, grates, and monument frame and covers. All projects bid from the date on this memo shall have products made of domestic steel on the above referenced items and as specified in the Standard Plans. Any items delivered to the site that is foreign steel will be rejected and required to be removed from the site.

On all City projects a new General Construction note will be added stating the requirement for the use of domestic steel.
CAST IRON RING & COVER

- INLAND FOUNDRY CO. RING & COVER NO. 247 OR APPROVED EQUAL
- UNIT WEIGHT 64 POUNDS MINIMUM
- DOMESTIC STEEL ONLY

22 1/2' TYP 4 REQUIRED

NEW HMA

INSTALL AND ADJUST CONCRETE COLLAR PER STD. DWG. 3-4

FIBER JOINT PACKING
STD. CONC. TILE
STD. DWG. 3-4

NOTE: CLEANOUT PIPE TO BE SAME SIZE AS MAIN LINE

SEWER CLEANOUT

CITY OF WEST RICHLAND
DRAWN BY: DGJ DATE: 12/09
CHECKED BY: AFW REVISION: 04/12
DRAWING NO. 3-1

1/8" RAISE-1/2" WIDE BORDER
1 1/2"
3/4" SQUARES SPACED 3/4"
RAISED 1/8"

10"
9"
8 3/4"
7"
1/2"
4"
8"
15 1/4"
FRAME

1/2" THICK WEBS

MANHOLE RING No. 817

COVER

NON-SKID PATTERN

SEWER

2" LETTERS (SEE NOTE 5)

1" DIA. HOLE

INLAND FOUNDRY CO.
No. 817 OR OLYMPIC FOUNDRY MODEL MH30A OR APPROVED EQUAL.

CAST IRON STYLE
DUCTILE IRON STYLE

OPENING 25-1/4"

26-3/8"

3/4"

1"

5"

23-3/4"

33-3/4" MIN.

NOTE:
1. FRAME AND COVER SHALL BE CAST OR DUCTILE IRON
2. COVER WEIGHT—MIN 147 LBS. / FRAME WEIGHT—MIN 210 LBS.
3. MACHINE COVER SEAT & COVER FACE
4. LOADING—40,000 LBS. HEAVY TRAFFIC LOADING
5. MANHOLE COVERS TO BE LETTERED AS "WATER," "SEWER," OR "STORM" AS REQUIRED BY TYPE OF APPLICATION.
6. DOMESTIC STEEL ONLY **

MANHOLE FRAME AND COVER

CITY OF
WEST RICHLAND

DRAWN BY: DGJ DATE: 12/09

CHECKED BY: AFW REVISION: 04/12

DRAWING NO. 3-3
CATCH BASIN FRAME AND COVER

STYLE D-1 INLAND FOUNDRY CO. INC. 432-2

SECTION A-A

SECTION B-B

STYLE D-2 INLAND FOUNDRY CO. INC. 432-2

SECTION A-A

SECTION B-B

TYPE "A" FRAME

NOTES:
* STYLE D-1 OR EQUAL
  USE AT CONTINUOUS GRADE LOCATIONS
* STYLE D-2 OR EQUAL
  USE AT CURB LOW POINTS

DOMESTIC STEEL ONLY

INLAND FOUNDRY CO. FRAME NO. 433
OR APPROVED EQUAL.

INLAND FOUNDRY CO. FRAME NO. 432
OR APPROVED EQUAL.

TYPE "B" FRAME
(SPECIAL USE ONLY)

CITY OF WEST RICHLAND

DRAWN BY: DGJ  DATE: 12/09
CHECKED BY: AFW  REVISION: 04/12

DRAWING NO. 5-2