

Western Construction Services Inc

2300 E Third Loop, Suite 110
Vancouver, WA 98661-7755
Ph : (360)699-5317

RFI

To: Group Mackenzie
1515 SE Water Ave, #100
Portland, OR 97214
Ph: (503)224-9560 Fax: (503)228-1285

RFI #: 2
Date: 5/22/2013
Job: 13-ROI-0194 OR DIVISION CROSSING GROUND UP
Phone:

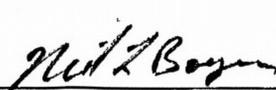
CC:

Subject: Sampling Manhole for Grease Interceptor

Drawing: P2.1
Cost Impact: TBD

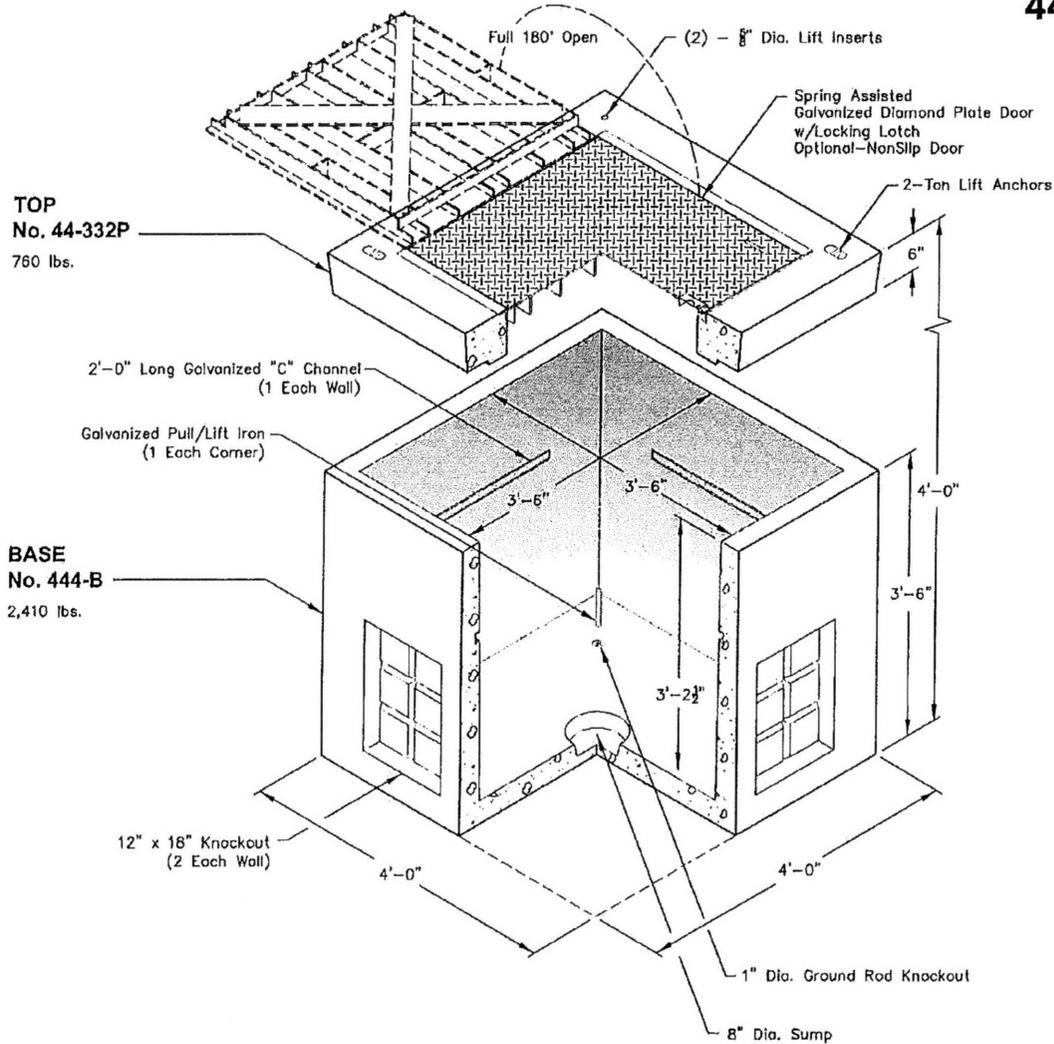
Spec Section:
Schedule Impact: None

Request:	Date Required: 5/27/2013
City of Portland Inspector Greg East (BES) was onsite 5/21/13 and stated he would be requiring a Sampling Manhole or Vault after the grease interceptor per City Code. He returned to his office and issued the attached check sheet. Please revise Sheet P2.1 to show a Sampling Manhole after the GGI to be a Oldcaslte 444 Sampling Manhole per attached cut sheet. Submit these documents to Greg East at the City.	
Requested by: Martin McDermott Western Construction Services	

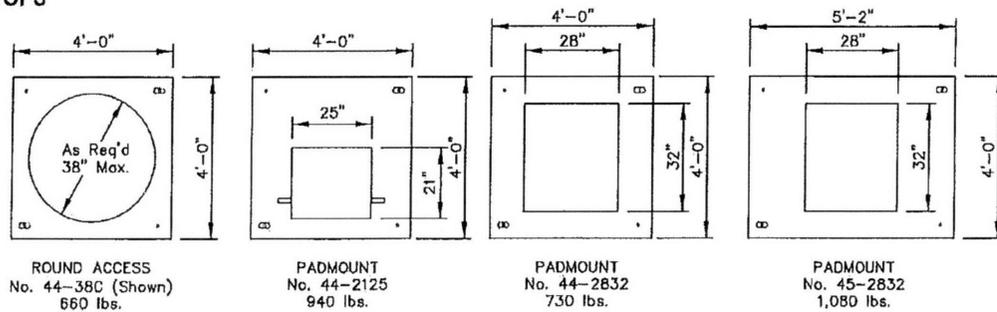
Response: PROVIDE SAMPLING MANHOLE PER CITY. SEE ATTACHED DOCUMENTS & SUPPLEMENTAL DRAWINGS.	
 <hr/> Answered by SYSTEM DESIGN CONSULTANTS Company	<hr/> 5/24/13 Date

12-209819-REV-01-CC

444-LA



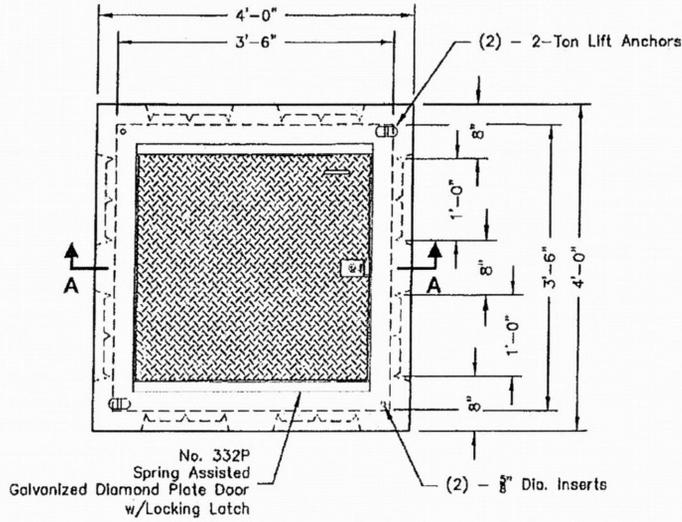
OPTIONAL TOPS



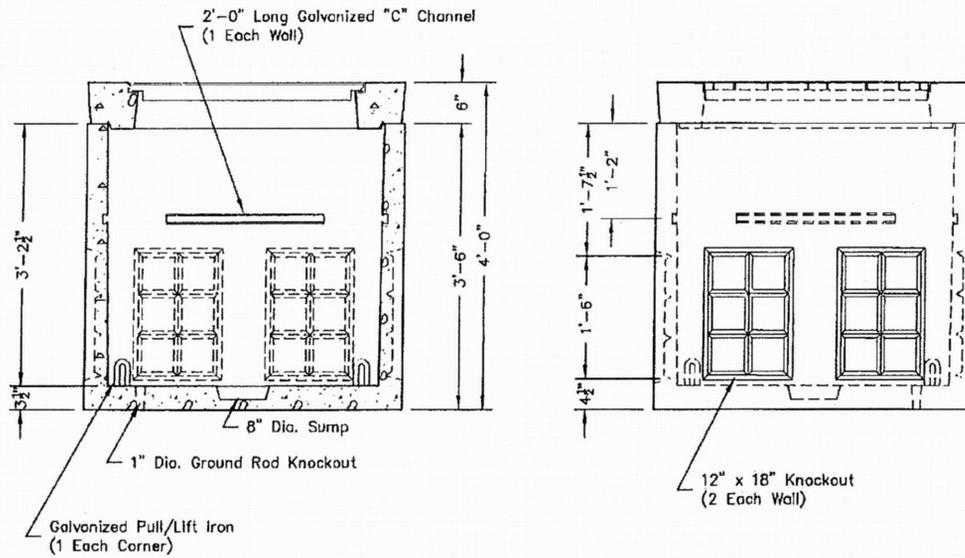
Scale: 1/2" = 1'-0"

 Oldcastle Precast® PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657	444-LA	444-LA 3 x 3 x 3 POWER / WATER / GAS
	File Name: 020UCP444LA1	
	Issue Date: 2011	
	oldcastleprecast.com/wilsonville	

444-LA



PLAN VIEW

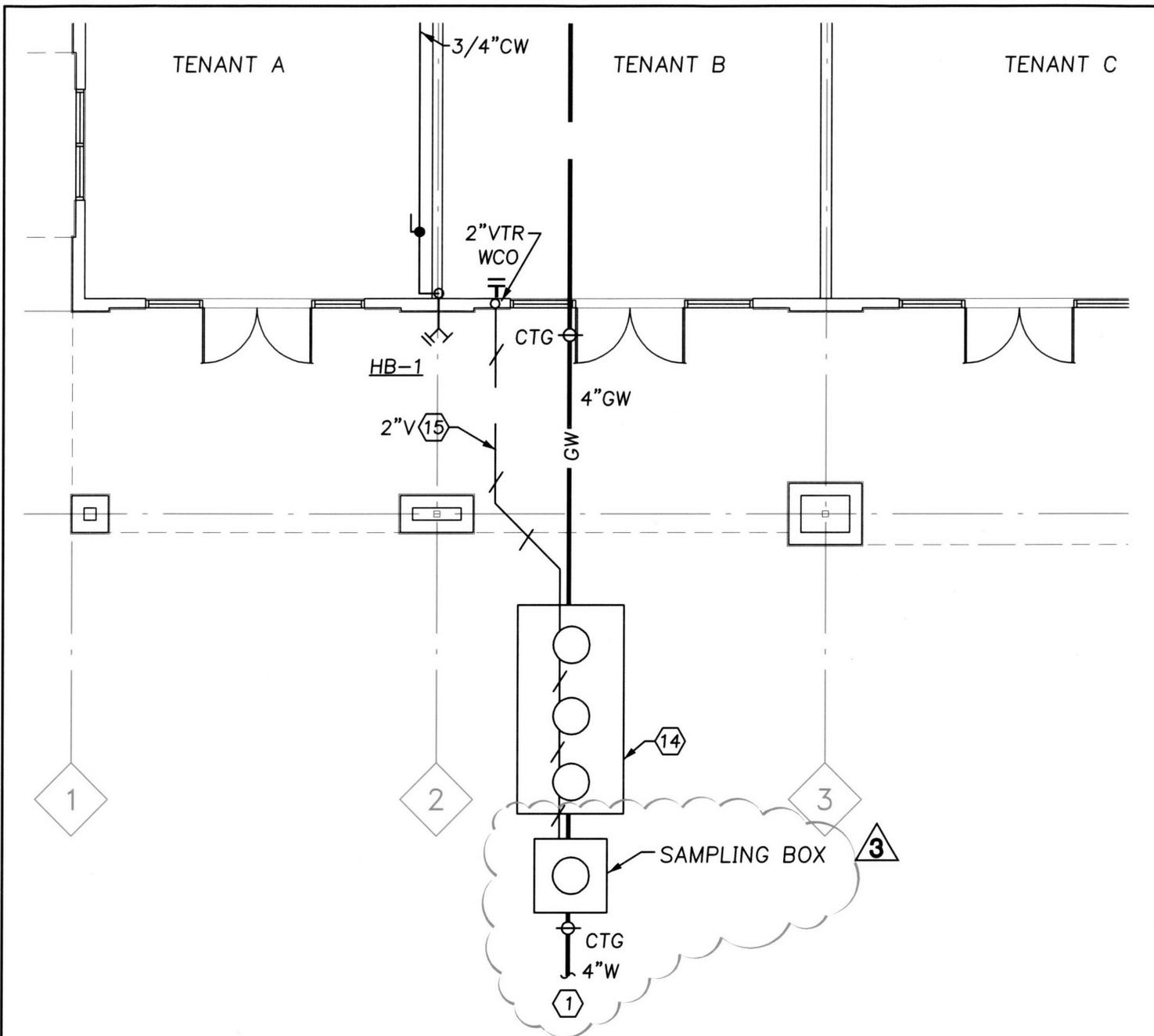


SECTION AA

SIDE VIEW

Scale: 1/2" = 1'-0"

 Oldcastle Precast® PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657	444-LA	444-LA 3 x 3 x 3 POWER / WATER / GAS
	File Name: 020UCP444LA2	
	Issue Date: 2011	
	oldcastleprecast.com/wilsonville	




1
PLUMBING FLOOR PLAN
 P2.1 1/8" = 1'-0"



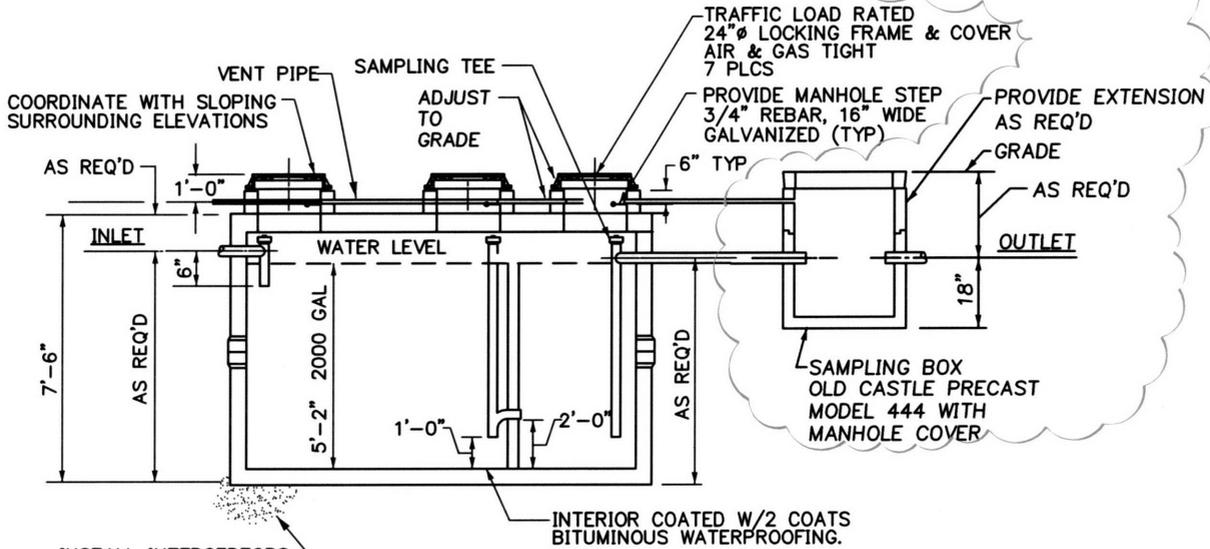
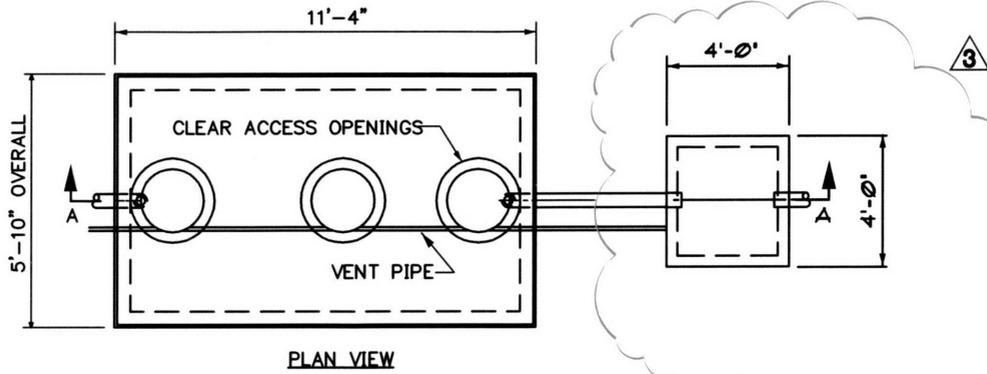
GROUP
MACKENZIE
 Portland OR 503.224.9560 Vancouver WA 360.695.7879 Seattle WA 206.749.9993

PROJECT:
 DIVISION CROSSING
 PAD BUILDING
 ORIGINAL SHEET TITLE:
 FIRST FLOOR PLUMBING PLAN

DATE: 05/24/13
 DRAWN BY: NLB
 CHECKED BY: GCB
 JOB NO:
 2120380.00

ORIGINAL SHEET:
 P2.1
 SUPPLEMENTAL DRAWING:
P1

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 USED OR REPRODUCED IN ANY MANNER, WITHOUT PRIOR WRITTEN PERMISSION



INSTALL INTERCEPTORS & SAMPLING BOX ON COMPACTED 3/4" MINUS CRUSHED ROCK, 6" DEEP

NOTES:

- 1) CONCRETE: 28 DAY COMPRESSIVE STRENGTH F'C = 4500 PSI
- 2) REBAR: ASTM A-615 GRADE 60
- 3) MESH: ASTM A-185 GRADE 65
- 4) DESIGN: ACI-318-83 BUILDING CODE
ASTM C-857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
- 5) LOADS: H-20 TRUCK WHEEL W/ 30% IMPACT PER AASHTO
- 6) FILL W/ CLEAN WATER PRIOR TO START-UP OF SYSTEM
- 7) CONTRACTOR TO SUPPLY & INSTALL ALL PIPING & SAMPLING TEES
- 8) GRAY WATER ONLY, BLACK WATER SHALL BE CARRIED BY SEPARATE SEWER.
- 9) CONTRACTOR TO VERIFY DIMENSIONS FOR INVERTS FROM GRADE TO CENTERLINE. COORDINATE INVERT ELEVATIONS WITH CIVIL ENGINEER.
- 10) CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL TO LOCAL OFFICIALS HAVING JURISDICTION PRIOR TO PURCHASE AND INSTALLATION.
- 11) MANHOLE STEPS SHALL BE INSTALLED AT 24"Ø ACCESS MANHOLE RISERS. CONTRACTOR SHALL PROVIDE (1) ONE HOOK LADDER FOR ACCESS TO INTERCEPTOR OF 3/4"Ø RUNGS ON 12" CENTERS. SIDE RAILS SHALL BE 1-1/2"x3/8" FLAT BAR (2-1/2"x3/8" WHEN LADDER LENGTH IS OVER 12'-0") SPACING @ 12", HOT DIPPED GALVANIZED. CONTRACTOR SHALL COORDINATE PURCHASE OF AND LENGTH OF HOOK LADDER WITH INTERCEPTOR MANUFACTURER. PROVIDE LADDER TO OWNERS REPRESENTATIVE.

(D) GREASE INTERCEPTOR
SCALE: NONE



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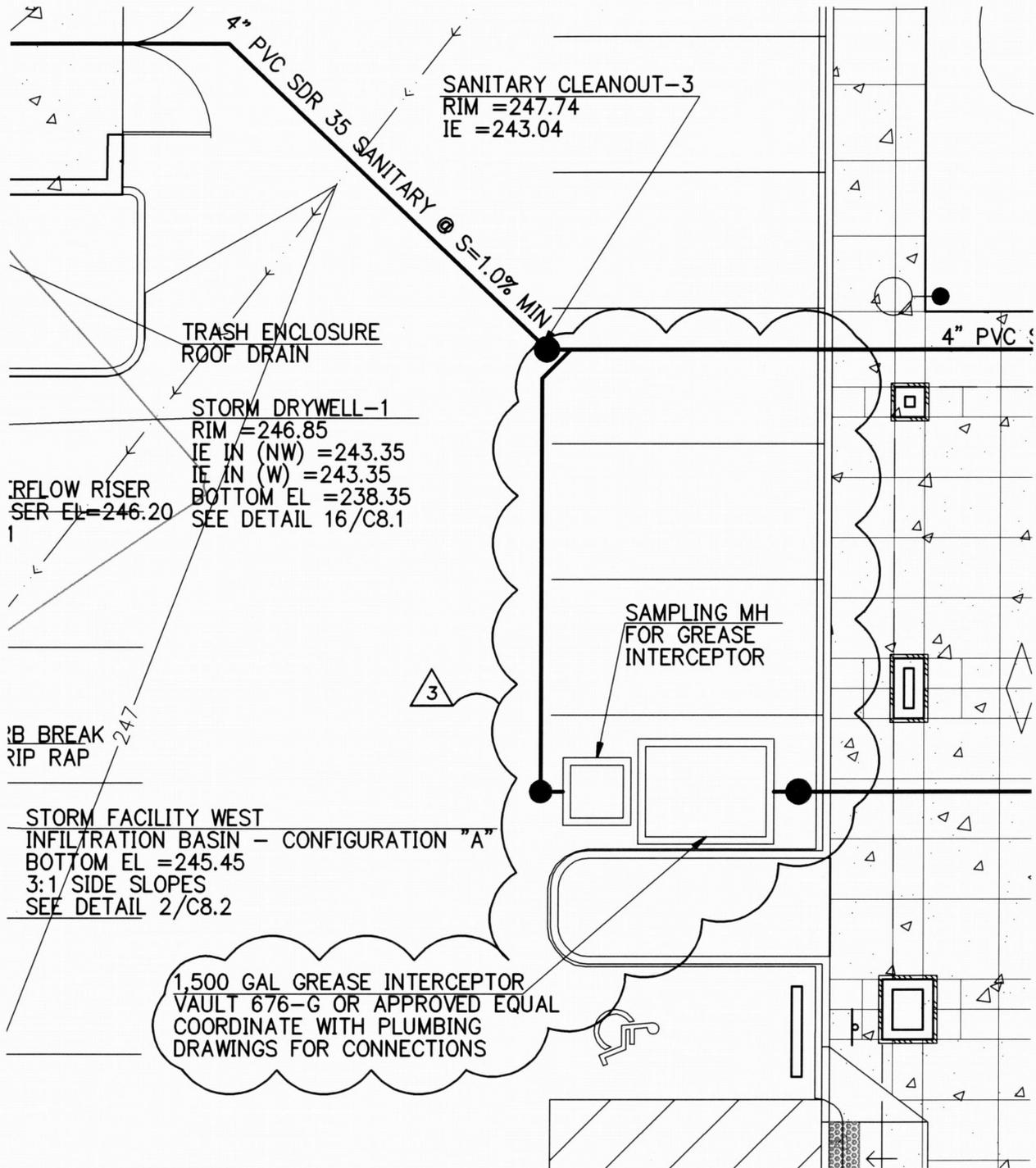
Portland OR 503.224.9560 Vancouver WA 360.696.7879 Seattle WA 206.749.9993

PROJECT:
**DIVISION CROSSING
PAD BUILDING**

ORIGINAL SHEET TITLE:
FIRST FLOOR PLUMBING PLAN

DATE: 05/24/13
DRAWN BY: NLB
CHECKED BY: GCB
JOB NO:
2120380.00

ORIGINAL SHEET:
P2.1
SUPPLEMENTAL DRAWING:
P2



GROUP
MACKENZIE

Portland OR 503.224.9560
Vancouver WA 360.695.7879
Seattle WA 206.749.9993

PROJECT:
DIVISION CROSSING
PAD BUILDING
16211 SE DIVISION STREET

ORIGINAL SHEET TITLE:
UTILITY PLAN

DATE: 5/28/2013
DRAWN BY: MJS
CHECKED BY: MJS

JOB NO:
2120380.00

ORIGINAL SHEET:
C2.3

SUPPLEMENTAL DRAWING:

SD7

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