

# endura®

## Grease Interceptor

Contractor shall install a Canplas Endura® Grease Interceptor, Part No. \_\_\_\_\_ (fill in). A flow control with a rate of \_\_\_\_\_ gpm will also be installed in accordance to manufacturer's instructions. The unit shall be comprised of engineered thermoplastics to withstand operational temperatures up to 220°F (104°C) and incorporate a lid with the capability of supporting 440 lbs. (200 Kgs). The unit will be supported by a 10 year manufacturer's extended warranty. The grease interceptor shall be certified to the current version of the PDI-G101 standard and where locally applicable to ASME 112.14.3 or have UPC listing. Contractor shall provide mechanical connectors to connect the grease interceptor.

\* Diffuser baffle only used in 35 and 50 GPM models

### TANK DIMENSIONS

GPM/lbs	15/30	20/40	25/50 LO	25/50	35/70	50/100
A	14.5" (368mm)	23.6" (600mm)	31.0" (787mm)	23.6" (600mm)	31.0" (787mm)	31.0" (787mm)
B	17.5" (444mm)	17.5" (444mm)	23.5" (597mm)	17.5" (444mm)	23.5" (597mm)	23.5" (597mm)
C	3.5" (89mm)	3.5" (89mm)	4" (102mm)	4.1" (104mm)	5.0" (127mm)	5.0" (127mm)
D	12.8" (325mm)	12.8" (325mm)	7" (178mm)	12.2" (310mm)	12.5" (318mm)	18.5" (469.9 mm)
E	16.3" (414mm)	16.3" (414mm)	11" (279mm)	16.3" (414mm)	17.5" (444mm)	23.5" (596.9 mm)

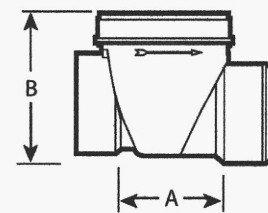
### FLOW CONTROL DIMENSIONS

Connection Iron Pipe Size (Solvent weld)	2" h x h	3" h x h	4" h x h
A	3.0" (76.2mm)	4.23" (107.4mm)	6.13" (155.7mm)
B	3.84" (97.5mm)	5.93" (151mm)	6.84" (173.7mm)
C	-	-	-

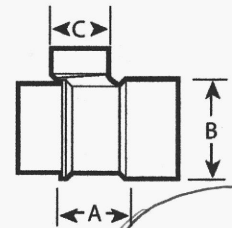
### AIR INTAKE DIMENSIONS

2" spg x h	3" spg x h	4" spg x h
2.91" (73.9mm)	2.67" (67.8mm)	3.19" (81mm)
2.71" (68.8mm)	4.01" (101.9mm)	5.04" (128mm)
2.24" (56mm)	2.27" (57.7mm)	2.72" (69.1mm)

### FLOW CONTROL



### AIR INTAKE TEE



3" VERSION ILLUSTRATED

### CAPACITIES

US Gallons Per Minute (GPM)	15	20	25 LO	25	35	50
CAPACITY - Pounds	30	40	50	50	70	100
Litres Per Second (LPS)	0.94	1.26	1.6	1.6	2.2	3.2
CAPACITY - Kilograms	13.6	18.1	22.68	22.7	31.8	45.4
Average Efficiency % (ASME 112.4.3)	92.0%	95.4%	97.1%	92.5%	98.6%	93.9%
Part Number	3915A02C	3920A02	3925A02LO	3925A02 (2") 3925A03 (3")	3935A03 (3") 3935A04 (4")	3950A03 (3") 3950A04 (4")
Grease Capacity lbs (Kg) actual	34.8 (18.4)	76.4 (34.65)	53.4 (24.22)	74 (33.6) *	138.5 (62.8)	122 (55.3) *
Operating Temperature Capabilities	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)
Surface Load Capacity	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)
Unit Weight (Empty)	15.8 lbs (7.17 kgs)	23 lbs (10.4 kgs)	23.9 lbs (10.85 kgs)	23 lbs (10.4 kgs)	45 lbs (20.4 kgs)	60 lbs (27.2 kgs)
Liquid Capacity	12.96 gal (49.06L)	21.6 gal (81.8 L)	18.9 gal (71.54L)	21.6 gal (81.8 L)	39.4 gal (149.1 L)	52.0 gal (197 L)
Connection size (mechanical) (110 mm available on request)	2"	2"	2"	2" (3925A02) 3" (3925A03)	3" (3935A03) 4" (3935A04)	3" (3950A03) 4" (3950A04)

\* Max capacity calculated based on data at PDI G101 test approval. All other models/data quote figures at ASME 112.14.3 Breakdown.

**Canplas Industries Ltd.**  
P.O. Box 1800, 500 Veterans Drive  
Barrie, Ontario, Canada L4M 4V3  
Tel: (705) 726-3361  
**Toll Free: 1-800-461-5300**  
Fax: (705) 726-2186

**Canplas LLC**  
11402 East 53rd Ave.  
Suite 200, Denver, CO, U.S.A. 80239  
Tel: (303) 373-1918  
**Toll Free: 1-888-461-5307**  
Fax: (303) 373-1923

**canplas®**  
an Oallaxis company

PROJECT SUMMARY

OWNER CONTACT  
TRIPOD, LLC  
1627 N WATTS ST  
PORTLAND OR 97217

PROJECT ADDRESS  
1028 NE ALBERTA ST  
PORTLAND, OR 97211

PROPERTY ID  
R102790

ZONE  
CGH

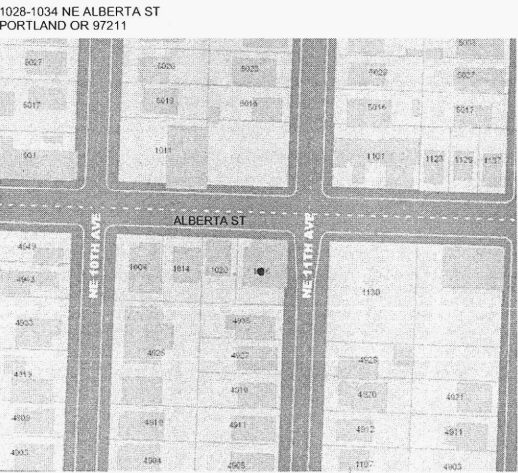
SCOPE  
BATHROOM ACCESSIBILITY UPGRADES  
MODIFICATION OF INTERIOR WALLS  
FACADE IMPROVEMENT  
NEW DOORS AND WINDOWS  
TRASH ENCLOSURE  
SITE DRAINAGE

ARCHITECT  
THE FIGURE GROUND STUDIO, LLC  
PO BOX 42201  
PORTLAND, OR 97242

LANDSCAPE ARCHITECT  
CAITLIN POPE DAUM

STRUCTURAL ENGINEER  
ZAC BLODGET

PROPERTY LOCATION



CODE SUMMARY

SCOPE OF WORK  
MODIFICATION OF EXISTING FACADE WITH IMPROVEMENT OF COMMERCIAL STREET GLAZING  
MODIFICATION OF BUILDING INTERIOR FOR ACCESSIBILITY UPGRADES WITH NO CHANGE OF USE  
REMOVAL AND REPLACEMENT OF INTERIOR WALLS AND DOORS  
MODIFICATION OF EXISTING BATHROOMS AND PLUMBING FIXTURES FOR ACCESSIBILITY UPGRADE  
NO CHANGE IN FLOOR AREA OR CHANGE IN USE

APPLICABLE BUILDING CODE EDITION  
2010 OREGON SPECIALTY STRUCTURAL CODE

NUMBER OF STORIES  
1

TOTAL AREA PER FLOOR  
UNFINISHED BASEMENT 1,056 SQFT  
FLOOR 1 2,068 SQFT

USE AND OCCUPANCY CLASSIFICATION  
A-2 RESTAURANT TAVERN, OCCUPANCY 99  
APPLICABLE CODE GUIDE IBC/3/#2  
NO INCREASE IN USE OCCUPANCY

CONSTRUCTION TYPE  
TYPE V

FIRE SPRINKLERS PROVIDED  
YES, AT EXISTING KITCHEN

PLUMBING FIXTURES  
REMOVE 4 PFU

GENERAL NOTES

- ALL WORK TO COMPLY WITH 2010 OREGON STRUCTURAL SPECIALTY CODE.
- EXISTING CONDITIONS NOTED TO BE VERIFIED IN FIELD BEFORE COMMENCEMENT OF WORK.
- VERIFY & MAINTAIN ALL DIMENSIONS, GRADES, LEVELS & OTHER CONDITIONS BEFORE PROCEEDING WITH FABRICATION & CONSTRUCTION. COORDINATE EXACT LOCATIONS OF EQUIPMENT, FIXTURES & OUTLETS WITH FINISHED ELEMENTS. WHERE NECESSARY OR WHERE SPECIFICALLY INDICATED.
- PRIOR TO PERFORMING ANY WORK, EXAMINE THE APPLICABLE CONDITIONS & SUBSTRATES & CORRECT ANY UNSATISFACTORY CONDITIONS BEFORE PROCEEDING WITH THE WORK. VERIFY THAT SUBSTRATE & BASE PLIES/COATS ARE COMPATIBLE WITH NEW WORK. NOTIFY THE ARCHITECT PROMPTLY OF ANY MODIFICATIONS REQUIRED. WORK PERFORMED OVER ANY SURFACE CONSTITUTES ACCEPTANCE OF THAT SURFACE FOR THE SPECIFIED QUALITY OF THE WORK BEING PERFORMED THEREON. ANY CHANGES TO THE PLANS BY THE OWNER OR CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE PERSONS MAKING SUCH CHANGES. ENSURE THAT ALL CUTTING & PATCHING FOR PENETRATIONS THROUGH FLOORS, WALLS CEILINGS AND ROOFS. DO NOT CUT OR NOTCH ANY STRUCTURAL MEMBER, THEREBY REDUCING ITS LOAD CARRYING CAPACITY.
- ALL ELECTRICAL WORK SHALL BE CARRIED OUT BY A LICENSED ELECTRICIAN ONLY. ALL WORK SHALL CONFORM TO THE PROVISIONS OF THE NATIONAL ELECTRIC CODE OF NFPA, LATEST EDITION.
- ALL PLUMBING WORK SHALL BE CARRIED OUT BY A LICENSED PLUMBER. ALL EQUIPMENT & FIXTURES TO CONFORM TO THE NATIONAL STANDARD PLUMBING CODE, LATEST EDITION.
- ALL EXIT HARDWARE, SIGNS, AND LIGHTING TO COMPLY WITH GROUP A, DIVISION 2 REQUIREMENTS.

SHEET LIST

A001	PROJECT INFORMATION
A101	PLAN - PUB - NEW
A102	BATHROOM - ADA UPGRADE
A103	SITE - ARCHITECTURAL
A104	TRASH ENCLOSURE
A110	REFLECTED CEILING PLAN
A201	EXTERIOR ELEVATIONS
A202	EXTERIOR ELEVATIONS
A203	GLAZING PERCENTAGE
A210	INTERIOR ELEVATIONS
A301	BUILDING SECTIONS
A401	DETAILS - DOOR AND WINDOW
A402	SECTION DETAILS
D101	PLAN - PUB - DEMOLITION
E100	PLANS - EXISTING
FLS1	FIRE LIFE SAFETY PLANS
S101	STRUCTURAL FRAMING PLAN

ACCESSIBILITY SUMMARY

MODIFICATION OF ALL DOOR HARDWARE  
SIGNAGE AT ENTRANCE INDICATING ACCESSIBLE ROUTE THROUGH PATIO  
MODIFICATION OF RESTROOM TO COMPLY WITH OSSC SECTION 1113.1

SPECIAL INSPECTIONS

ADHESIVE ANCHORS REFERENCED IN S001, S100, S200 ARE SUBJECT TO SPECIAL INSPECTION AS PER STRUCTURAL SPECIAL INSPECTION AND OBSERVATION PROGRAM.

BUILDING AREA/OCCUPANCY

BAR/DINING AREA	1255SF	84
KITCHEN/SERVING	234SF	2
STORAGE	315SF	2
TOTAL		88

DINING AREAS: 15 SF/OCC  
KITCHEN: 200 SF/OCC  
STAGE AREA: 5 SF/OCC  
STORAGE: 300 SF/OCC

OCCUPANCY MATRIX

NO NET FLOOR AREA CHANGE			
EXISTING OCCUPANCIES			
BAR/DINING AREA	1235SF	82	
KITCHEN	125SF	2	
STORAGE	247SF	1	
TOTAL		85	

PROPOSED OCCUPANCIES			
BAR/DINING AREA	1255SF	84	
KITCHEN/BAR SERVING	234SF	2	
STORAGE	315SF	2	
TOTAL		88	

PLUMBING FIXTURE COUNTS

DINING AREA 1283 SF @ 30 SF/OCC= 41.1 OCCUPANTS  
BAR/STORAGE 440 SF @ 2000 SF/OCC=00.2 OCCUPANTS

TOTAL OCCUPANTS 42 21 MALE, 21 FEMALE

REQUIRED FIXTURES	MALE	FEMALE	GENERAL
WATERCLOSETS	1	1	
LAV	1	1	
DRINKING FOUNTAINS			1
PROVIDED FIXTURES			
WATERCLOSETS	1	1	
LAV	1	1	
DRINKING FOUNTAIN			1

EXISTING	
LAVORATORIES:	2
SINKS:	2
WATER FOUNTAINS	1
PROPOSED	
LAVORATORIES:	2
SINKS:	2
WATER FOUNTAINS	1

WINDOW SCHEDULE

Type	Height	Width	Sill Height	Count	U-FACTOR/SHGC	Comments
1	1' - 4"	3' - 4 1/2"		3	0.35/0.40	
2	2' - 6"	2' - 0"	5' - 0"	1	0.35/0.40	
3	4' - 0"	2' - 0"	3' - 0"	9	0.35/0.40	
4	2' - 0"	2' - 0"	5' - 0"	3	0.35/0.40	
5	2' - 0"	2' - 0"	5' - 6"	5	0.35/0.40	
6	1' - 0"	2' - 0"	7' - 0"	9	0.35/0.40	
7	1' - 0"	3' - 6"	7' - 2"	1	0.35/0.40	
8	2' - 0"	3' - 0"	4' - 6"	1	0.35/0.40	
9	2' - 6"	2' - 0"	5' - 0"	1	0.35/0.40	SAFETY GLAZING: CPSC 16 CFR 1202 CLASS I

NOTE: ALL NEW EXTERIOR WINDOWS TO COMPLY WITH 2010 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEESC)

ACCESSIBILITY UPGRADE COST PERCENTAGE

Total Project	Scope	Square footage	\$/sqft	Total cost
	Commercial renovation - bar/restaurant	1235	\$28.50	\$35,197.50
	Commercial renovation - exterior	1805	\$33.50	\$60,467.50
		Total renovation budget		\$95,665.00

Accessibility upgrades	#	\$/per	
Replacement of exterior door/hardware to remove barriers to entry	21 new doors and hardware	\$500.00	\$10,500.00
Improvement of egress path to allow accessible egress (floor finishes, patch and repair, remove obstacles, etc.)	1235 sqft floor repairs	\$5.00	\$6,175.00
Modification of restrooms to create accessible restrooms	97 sqft bathroom renovations and repairs	\$200.00	\$19,400.00
	Accessibility upgrade		\$36,075.00
	% accessibility upgrade		37.71%

DOOR SCHEDULE

Mark	Height	Clear Opening	Comments
1	6' - 8"	3' - 0"	PANIC HARDWARE, SEE 7/A401 FOR THRESHHOLD DETAIL
2	6' - 8"	3' - 0"	PANIC HARDWARE, POST: THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS PER OSSC 1008.1.9.3. SEE 7/A401 FOR THRESHHOLD DETAIL
3	6' - 8"	3' - 0"	PANIC HARDWARE, SEE 7/A401 FOR THRESHHOLD DETAIL
4	6' - 10"	2' - 11"	PANIC HARDWARE, POST: THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS PER OSSC 1008.1.9.3. SEE 7/A401 FOR THRESHHOLD DETAIL
5	6' - 8"	2' - 8"	NO LOCK OR LATCH ON BASEMENT ACCESS DOOR
6	6' - 8"	3' - 0"	WC PRIVACY LATCH W/ VACANCY INDICATOR
7	6' - 8"	2' - 8"	WC PRIVACY LATCH W/ VACANCY INDICATOR
8	7' - 0"	2' - 8"	NO LOCK OR LATCH
9	7' - 0"	6' - 6"	OVERHEAD DOOR, NO EGRESS
10	6' - 8"	3' - 0"	STORAGE DOOR, KEY LOCK
11	6' - 8"	2' - 0"	NO LOCKING MECHANISM ON EXISTING UTILITY CLOSET DOOR
12	6' - 8"	2' - 0"	MOP CLOSET DOOR, NO LOCK
13	6' - 8"	3' - 0"	DOUBLE DOORS WITH INDEPENDENT ACTION
14	6' - 8"	3' - 0"	DOUBLE DOORS WITH INDEPENDENT ACTION
15	6' - 8"	3' - 0"	FENCE GATE AT TRASH ENCLOSURE. GATE LATCH LOCK.
16	6' - 8"	4' - 0"	BARN DOOR FOR UTILITY ACESS AT TRASH ENCLOSURE. GATE LATCH LOCK.
17	6' - 8"	3' - 0"	PATIO EGRESS; PANIC HARDWARE
18	7' - 0"	2' - 8"	STORAGE CLOSET DOOR, KEY LATCH LOCKING HARDWARE
19	7' - 0"	2' - 8"	STORAGE CLOSET DOOR, KEY LATCH LOCKING HARDWARE
21	6' - 8"	6' - 0"	PATIO EGRESS; PANIC HARDWARE

NOTE: ALL NEW EXTERIOR DOORS TO COMPLY WITH 2010 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEESC)

DRAWING REVISIONS

DATE	DESCRIPTION
10/10/2012	CHECKSHEET 01
10/23/2012	SCOPE REVISION, CHECKSHEET RESPONSE
11/09/2012	TRASH ENCLOSURE

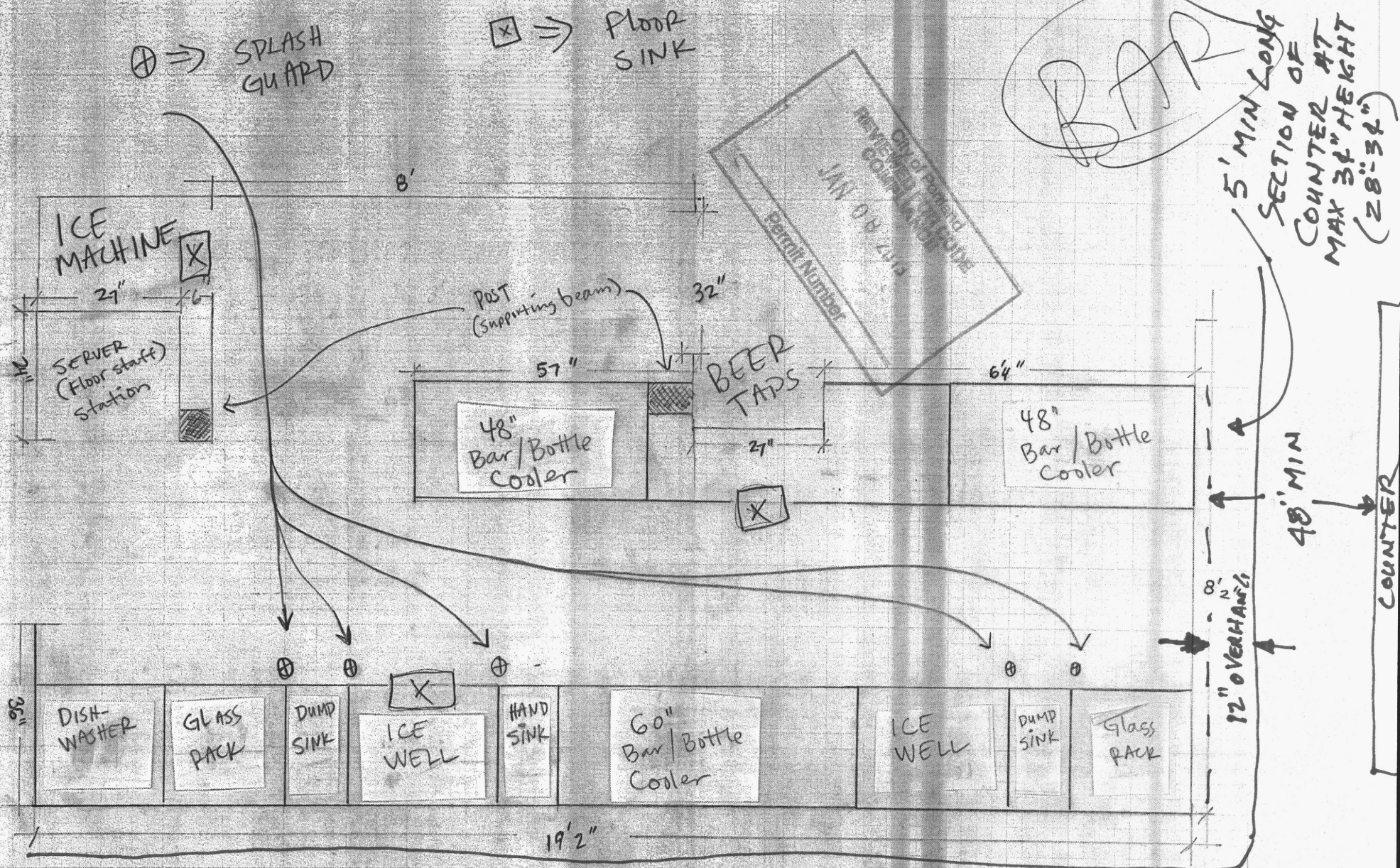
PROJECT INFORMATION

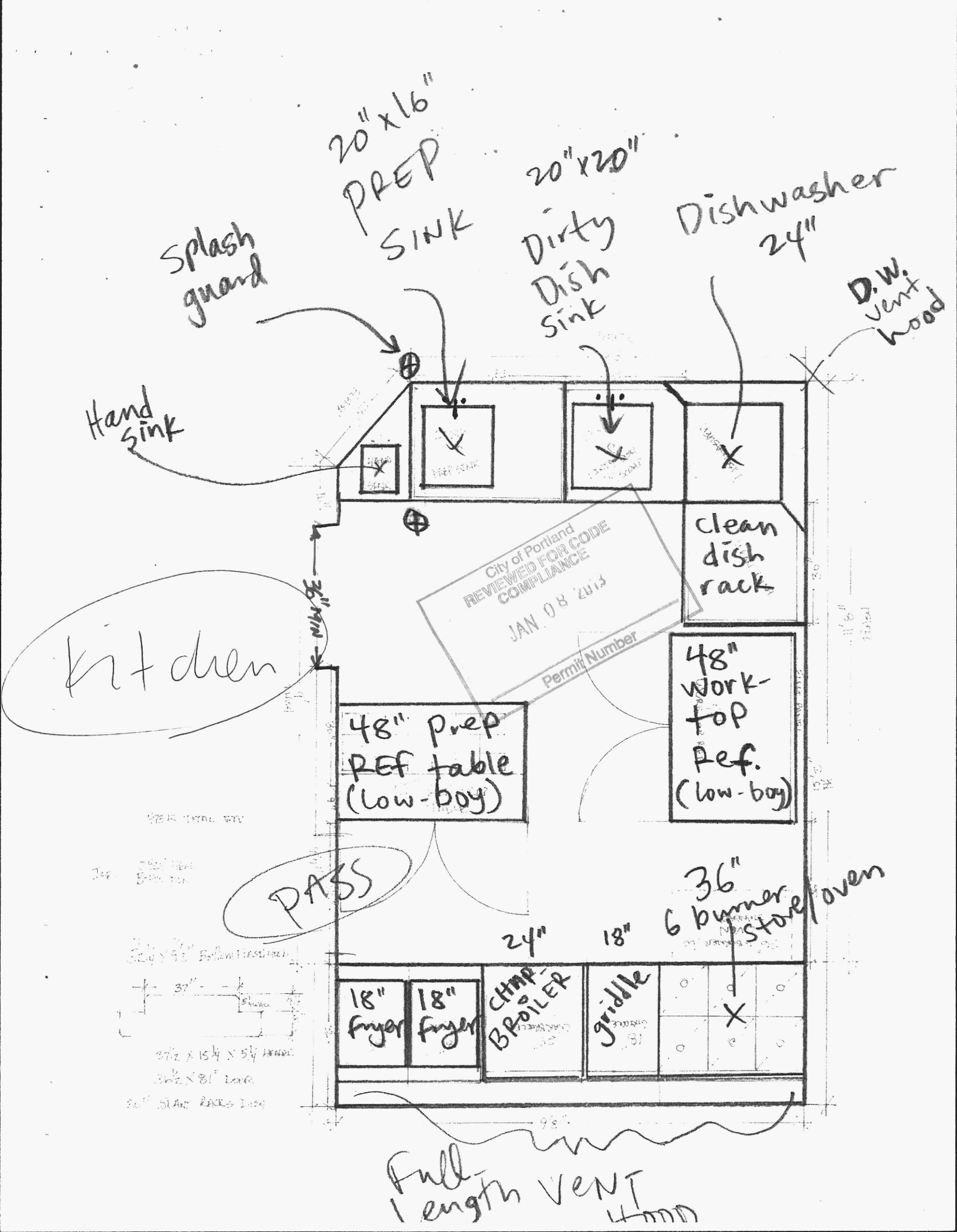
Project number 1211  
Date 11/27/2012

A001

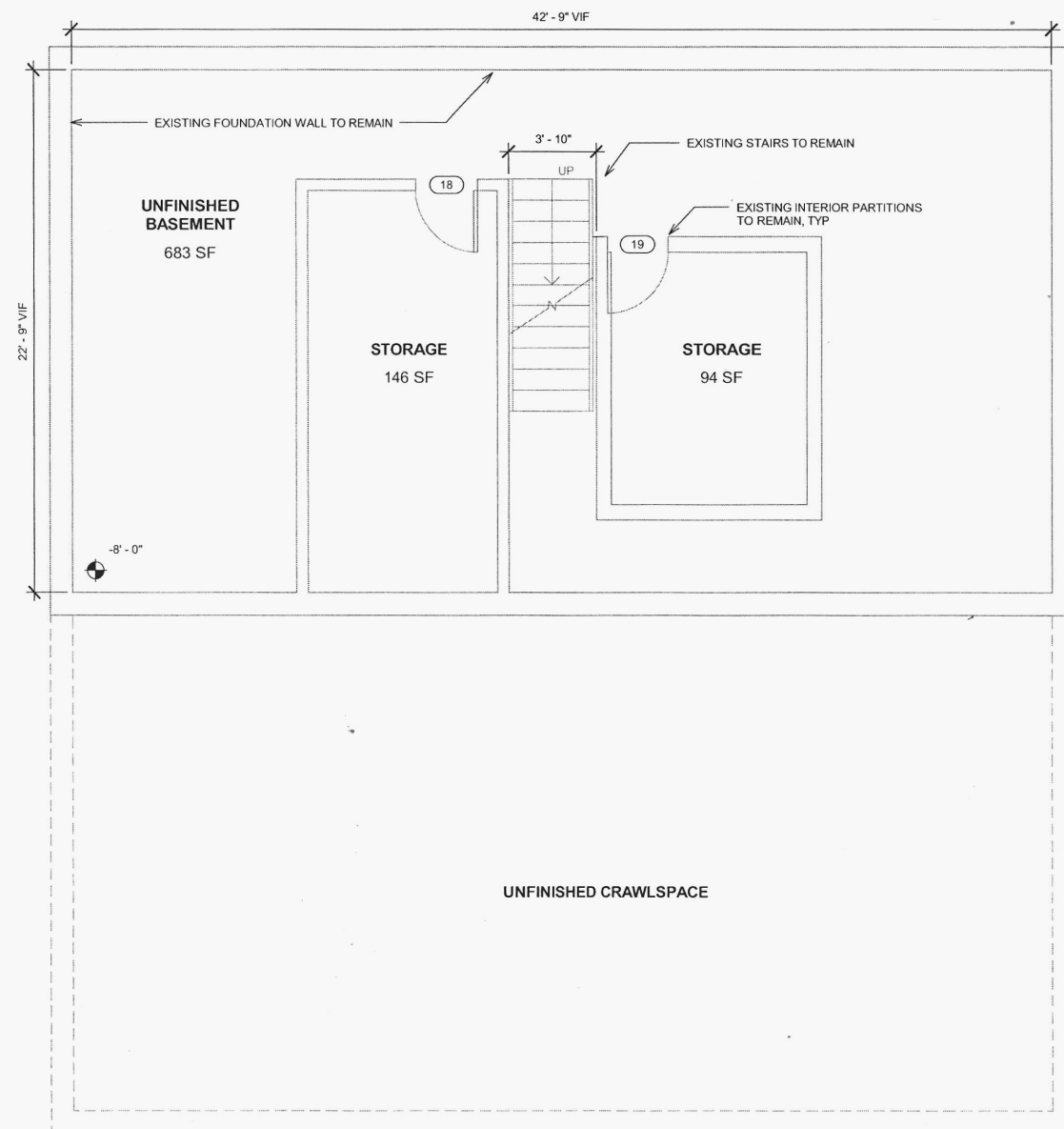
Scale











② PLAN - BASEMENT - NEW  
1/4" = 1'-0"

GENERAL NOTES

1. ALL WORK TO BE DONE IN COMPLIANCE WITH 2010 OSSC

EXISTING WALL

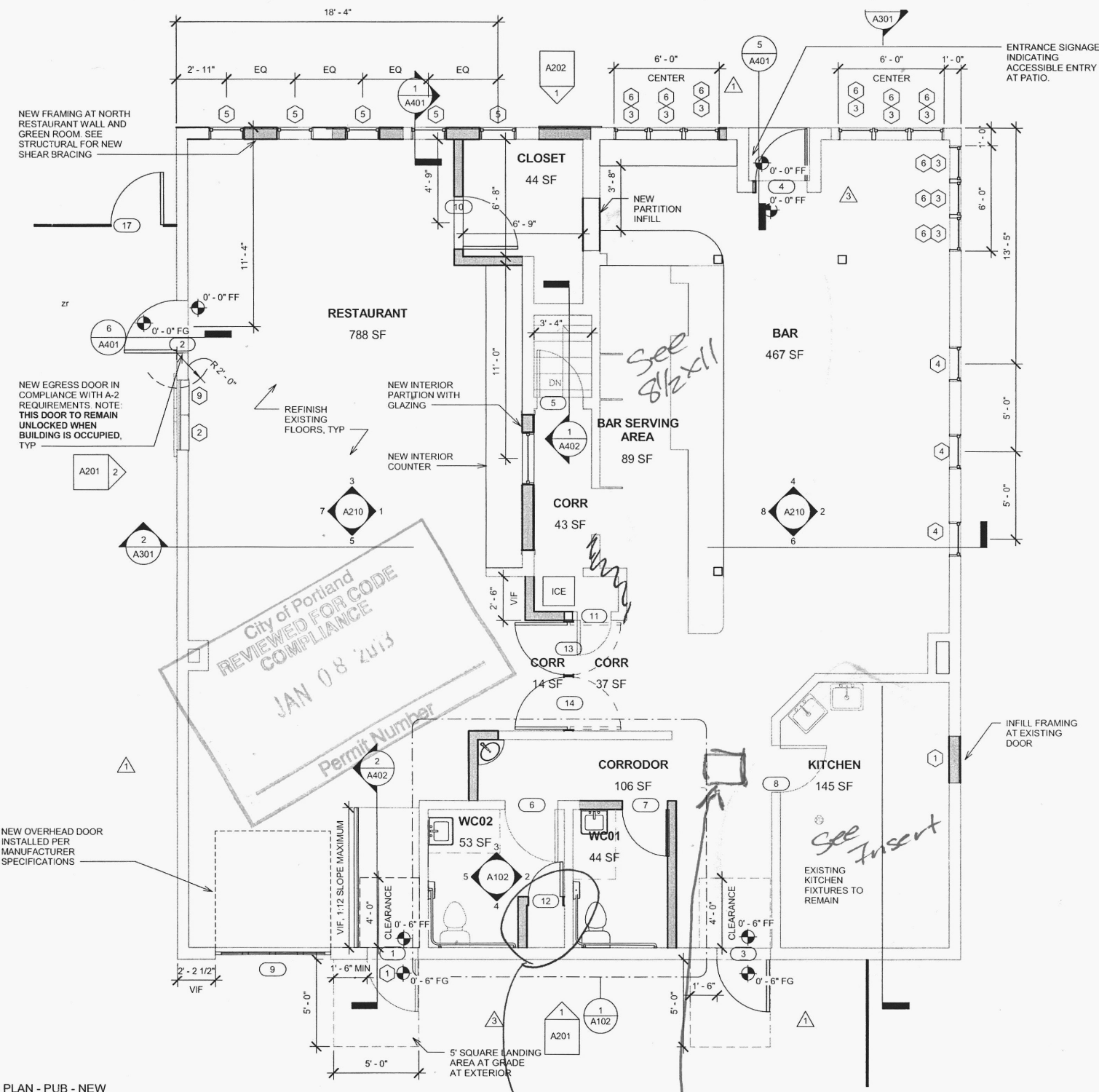
NEW WALL



The Figure Ground Studio, LLC  
Architecture | Landscape | Sustainability

PO Box 42201  
Portland, OR 97242

info@thefiguregroundstudio.com  
503.447.6924



① PLAN - PUB - NEW  
1/4" = 1'-0"

## NOTES

1. ALL WORK TO BE DONE IN COMPLIANCE WITH APPLICABLE CODES.
2. PATCH AND REPAIR EXISTING FLOORS AND WALLS, WHERE NECESSARY.

**BES Pollution Prevention:**  
BES Fats Oils Grease (FOG) Rules requires an easily accessible area for all grease interceptors to allow for cleaning, inspection and FOG removal. Access recommendations are 3 horizontal feet x 6 vertical feet for a HGI and 8 horizontal feet by 10 vertical feet for a GGI.

BES Pollution Prevention:  
Reviewed for Compliance with BES  
Fats Oils Grease (FOG) Rule Requirements  
By: [Signature] Date: 1/8/17

NEW MOP  
SINK location

## GREASE TRAP LOCATION

Alberta Street Pub

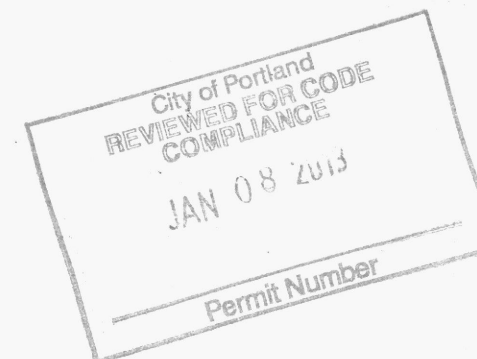
Tripod, LLC

PLAN - PUB - NEW

Project number	1211
Date	11/27/2012

A101

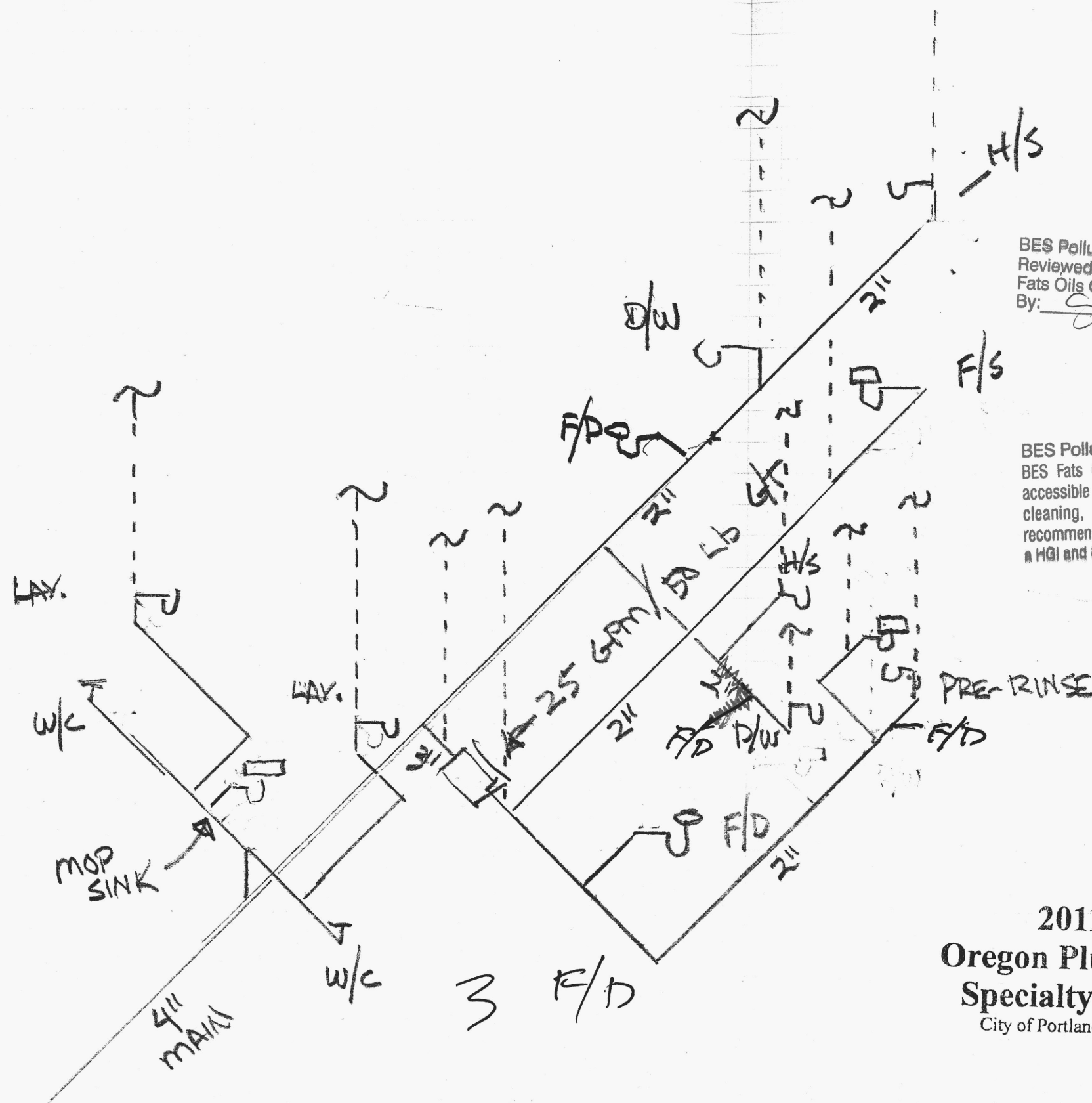
Scale 1/4" = 1'-0"



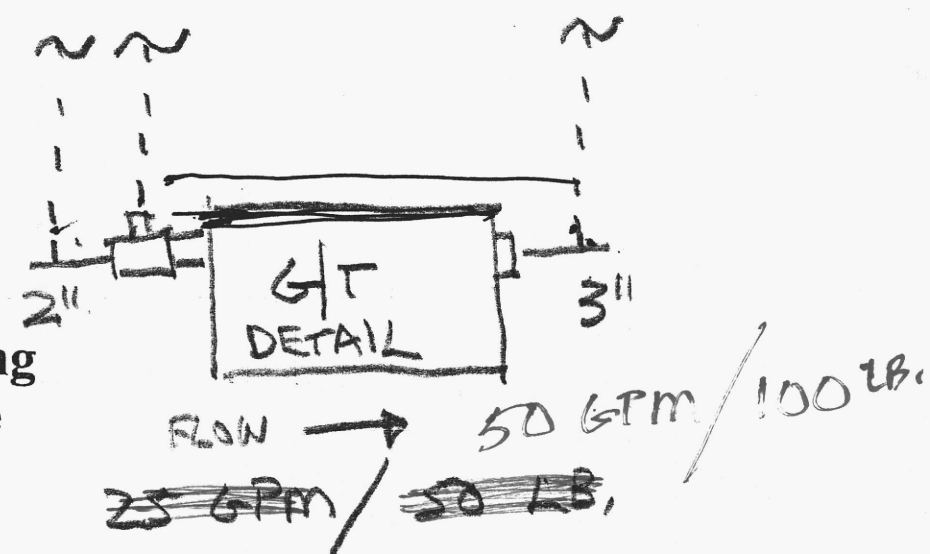
BES Pollution Prevention:  
Reviewed for Compliance with BES  
Fats Oils Grease (FOG) Rule Requirements  
By: S. Deal Date: 1/18/13

Plumbing Division  
Bureau of Buildings  
City of Portland  
This Drawing is approved for  
Construction; Errors and  
Omissions Excepted.  
Date 12-12-12  
Per [Signature]  
These Plans and Specifications  
Shall be kept on the Work  
Under Construction.

BES Pollution Prevention:  
BES Fats Oils Grease (FOG) Rules requires an easily  
accessible area for all grease interceptors to allow for  
cleaning, inspection and FOG removal. Access  
recommendations are 3 horizontal feet x 6 vertical feet for  
a HGI and 8 horizontal feet by 10 vertical feet for a GGI.



2011  
Oregon Plumbing  
Specialty Code  
City of Portland ~ BDS



OKAY TO Turn Flow Control Filling vent  
on 12-12-12 11:15 AM