



12. Plumbing drawing P1.1 indicates tank type water heaters rather than the earlier discussed tankless water heaters. Please confirm. If tank types are to be used, please confirm that there should be no slope to floor at this location.

**TBD**

13. Please indicate the extent of temporary walls at kitchen for Phase I build out.

**KITCHEN WALLS AND STORAGE 110 TO BE BUILT OUT IN PHASE II**

14. Please provide manufacturer, specifications and dimensions for brewery for drains. It is critical that they be ordered as soon as possible for placement and slab prep/pour.

**ZURN, ZV-806-HDG-BDE OR SIMILAR. DID NOT SPECIFY OUTLET ADAPTERS. SEE ATTACHED**

15. Please provide pad dimensions and exact locations to assure proper clearances for the Glycol Chiller.

**SEE DRAWING**

16. Please provide specifications for walk in keg storage at brewery. Include details for floor drain installation requirements.

**TBD**

17. Please conform height of walls at Electrical Closet 113. Plans show Type 1A but elevations reference a full height wall.

**ELECTRICAL CLOSET TO B/O ROOF DECK**

Signed by:

Date: 7-14-16

Response:

Attachments

Response From:

**KELLY PENICK**

To: **CORINNA GROGIN**

Date Rec'd: **7/14**

Date Ret'd: **7/18**

Signed by:

*Kelly Penick*

Date:

Copies:

Owner    Consultants    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    Job File



## REQUEST FOR INFORMATION

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Project Name:	<u>6 Bears &amp; A Goat</u>	R.F.I. Number:	<u>004</u>
Project No:	<u>16136</u>	From:	<u>Corinna Grogan</u>
To:	<u>Stacey Lampman</u>	Date:	<u>7-14-16</u>
	<u>Kelly Penick</u>	Requested Return Date:	<u>7-18-16</u>
Re:		Contract For:	<u>6 Bears &amp; a Goat</u>

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Specification Section:	<u>n/a</u>	Paragraph:	<u>n/a</u>	Drawing Reference:		Detail:	
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Request:

1. Please indicate the location of trench, size of the lines and number of lines required for the soda dispenser at the future bar area. Please confirm that these will fit in the 3 5/8" stud wall with the soda vendor. This conduit will need to be placed in the wall during the Phase 1 build out.
2. After initial wall layout for the Lab - it appears that the dimension within the Lab will be 10'-7 1/8" rather than the 11'-1 3/4" in order to maintain the 5'-1 3/4" dimension at the entrance into the brewery. Please confirm this new dimension will be acceptable.
3. Please confirm the extent of the wall build out in Phase I at Storage 121.
4. Please indicate ceiling type at Storage 102.
5. Please confirm that Entry 102 GWB ceilings are to be completed in Phase I build out.
6. Please clarify that second note 68 at the 2 brewery sinks should be note 67 for the 2 dip sink.
7. Please verify FRP locations for all walls in Brewery.
8. We recommend that 20 gauge studs with slip track at top and reinforcing midway should be used rather than 25 gauge at all walls extending to deck. Please confirm this is acceptable.
9. Please indicate HVAC requirements at Rooms 113, 114, 116 and 102.
10. Note 38/S-1: Please confirm with Structural Engineer that 2" of sand is required at slab. Please provide prompt answer due to timeframe for excavation.
11. Please verify location of detail 6/S-3. Does this pertain to the 4" curb at the Boiler room or is it in addition to the 4" elevation change?

12. Plumbing drawing P1.1 indicates tank type water heaters rather than the earlier discussed tankless water heaters. Please confirm. If tank types are to be used, please confirm that there should be no slope to floor at this location.

13. Please indicate the extent of temporary walls at kitchen for Phase I build out.

14. Please provide manufacturer, specifications and dimensions for brewery for drains. It is critical that they be ordered as soon as possible for placement and slab prep/pour.

15. Please provide pad dimensions and exact locations to assure proper clearances for the Glycol Chiller.

16. Please provide specifications for walk in keg storage at brewery. Include details for floor drain installation requirements.

17. Please conform height of walls at Electrical Closet 113. Plans show Type 1A but elevations reference a full height wall.

Signed by:

Date: 7-14-16

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Response:

10. Note 38/S-1: Please confirm with Structural Engineer that 2" of sand is required at slab. Please provide prompt answer due to timeframe for excavation.

Contractor may substitute a rolled surface and thin sand topping. Use min. 15 mil vapor barrier and be careful not to puncture the material during installation of the slab and reinforcing.

Attachments

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Response From: David Bronston

To: Spaces DS

Date Rec'd: 7/14/2016 Date Ret'd: 7/15/2016

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Signed by:

DBB

Date:

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Copies:  Owner  Consultants  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  Job File

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# Z806-HDG

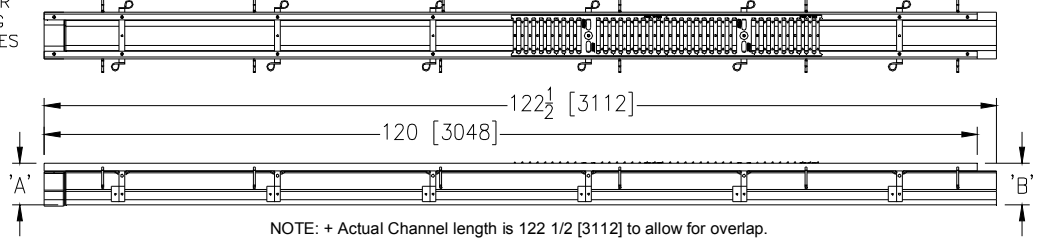
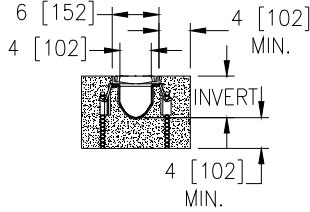
## 6 [159] WIDE REVEAL FINBER REINFORCED POLYMER TRENCH DRAIN SYSTEM WITH HEAVY-DUTY GALVANIZED FRAME ASSEMBLY

SPECIFICATION SHEET

TAG \_\_\_\_\_

Dimensional Data (inches and [ mm ]) are Subject to Manufacturing Tolerances and Change Without Notice

SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE ENCASEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES



NOTE: + Actual Channel length is 122 1/2 [3112] to allow for overlap.

### ENGINEERING SPECIFICATION: Zurn Z806-HDG

Channels shall be 120 [3048] long, 6 [152] wide and have a 4 [102] throat. Modular channel sections shall be made of Fiber Reinforced Polymer (FRP). Shall have a positive mechanical connection between channel sections that will not separate during the installation and shall mechanically lock into the concrete surround every 10 [254]. Channels shall weigh less than 2.31 lbs.[1.05kg] per linear foot, have a smooth, 1-1/2 [38] radiused self cleaning bottom with a Manning's coefficient of .009 and .75% or neutral 0% built in slope. Shall be provided with standard GDC grates that lock down to frame. Zurn 6 [152] wide reveal Galvanized Ductile Iron Slotted Grate conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron grate is rated class C per the DIN EN1433 top load classifications. Supplied in 20 [508] nominal lengths with 1/2 [13] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 28.1 sq. in per ft. [59,463 sq. mm per meter]. The 1/4 [6] thick Heavy-Duty Carbon Steel Galvanized Frame Assembly conforms to ASTM specification A36 and Galvanizing conforms to ASTM specification A123 with 12-4 [102] long concrete anchors per 120 [3048]. Grate lockdown bars are to be integral to the frame. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the U.S.A.

### PREFIX OPTIONS (Check/specify appropriate options)

- Z Ten-foot Fiber Reinforced Polymer (FRP)\*
- ZV Ten-foot Fiber Reinforced Vinylester

### SUFFIX OPTIONS (Check/specify appropriate options)

#### Outlet Adapters Add/Each

- E1 Closed End Cap
- E2 2 [51] No-Hub End Outlet
- E3 3 [76] No-Hub End Outlet
- E4 4 [102] No-Hub End Outlet
- E6 6 [152] No-Hub End Outlet
- U2 2 [51] No-Hub Bottom Outlet
- U3 3 [76] No-Hub Bottom Outlet
- U4 4 [102] No-Hub Bottom Outlet
- U6 6 [152] No-Hub Bottom Outlet

### Grate Options (Load Classifications are per DIN EN1433)

- BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
- BDE Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- DC Ductile Iron Solid Cover - Class C
- DGC Ductile Iron Slotted Grate - Class C
- DGE Ductile Iron Slotted Grate - Class E
- GDC Galvanized Ductile Slotted Grate - Class C\*
- GDE Galvanized Ductile Slotted Grate - Class E
- GHPD Galvanized Heel-Proof Ductile Grate - Class B
- GHPDE Galvanized Heel-Proof Ductile Grate - Class E
- HPD Heel-Proof Ductile Slotted Grate - Class B
- HPDE Heel-Proof Ductile Slotted Grate - Class E
- HPP Heel-Proof Polyethylene Grate - Class A
- LD Ductile Iron Longitudinal Slotted Grate - Class B
- RFG Reinforced Galvanized Steel Slotted Grate - Class B
- RPG Reinforced Galvanized Perforated Grate - Class B
- RFGC Reinforced Slotted Galvanized Grate - Class C
- RPGC Reinforced Perforated Galvanized Grate - Class C
- RPGRC Reinforced Perforated Galvanized Reverse Punch Grate - Class C

### Miscellaneous Options

- DB Bottom Dome Strainer
- JC Joint Connector
- RC Rebar Clip (Set of 2)
- SW 8.1 [206] High Sidewall Extension Adapter (Per Pair)
- VP Vandal-Proof Lockdown

### Decorative Grate Options (Load Classifications are per DIN EN1433)

- BCD Bronze Circular Decorative Grate - Class A
- BDD Bronze Diagonal Decorative Grate - Class A
- DCD Ductile Iron Circular Decorative Grate - Class C
- DDD Ductile Iron Diagonal Decorative Grate - Class A
- DOG Ductile Iron Decorative Grate - Class A
- DWV Ductile Wave Decorative Grate - Class A
- HPB Heel-Proof Bronze Slotted Grate - Class A

### MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- AWG Aluminum Wire Grate - Class A
- BDE-USA Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- DGC-USA Ductile Iron Slotted Grate - Class C
- DGE-USA Ductile Iron Slotted Grate - Class E
- FG Fabricated Galvanized Steel Slotted Grate - Class A
- GDC-USA Galvanized Ductile Slotted Grate - Class C
- GDE-USA Galvanized Ductile Slotted Grate - Class E
- GHPDE-USA Galvanized Heel-Proof Ductile Grate - Class E
- HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
- PG Perforated Galvanized Steel Grate - Class A
- PPC Plastic Perforated Grate - Class C

### Decorative MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- BZ Bronze Decorative Grate - Class A
- NBZ Nickel Bronze Decorative Grate - Class A

\* Regularly furnished unless otherwise specified.

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