# THE CITY OF NAPOLEON

**BUILDING & ZONING DEPARTMENT**
**255 W. RIVERVIEW**
**(419)592-4010**

**Zoning Permit**



**Permit Number:** ZP2009-44

Printed: 3/1/2010

**ADDRESS:** **890 Harmony N.**

**Applicant**

**Name:** The Dotson Company, Inc.
**Address:** 6848 Providence St

**Approval Date:** 12/4/2009
419-877-5176

**Owners**

**Name:** Fulfilling Housing Inc.
**Address:** N 160 SR 108
Napoleon, OH 43545

**Contractors**

**Contractor Type:** **General Contractor**
**Name:** The Dotson Company, Inc.
**Address:** 6848 Providence St

Whitehouse, OH 43571

**Phone:** 419-877-5176

**Fees and Receipts:**

| Number | Description | Amount |
|---|---|---|
| FEE2010-109 | Zoning | $50.00 |
| | **Total Fees:** | **$50.00** |
| RCPT2010-87 | | $50.00 |
| | **Total Receipts:** | **$50.00** |

Wood County Inspection - commercial building

**APPLICANTS SIGNATURE:**_____ **DATE:**_____

☑ **REMINDER: YOU MUST CALL (419)592-4010 FOR AN INSPECTION**

# CITY OF NAPOLEON

BUILDING & ZONING DEPARTMENT
255 West Riverview Avenue, P. O. Box 151 Napoleon, OH 43545
Telephone: 419/592-4010 Fax: 419/599-8393
www.napoleonohio.com

## WATER METER YOKE RELEASE FORM

**THIS DOCUMENT ENTITLES THE HOLDER TO "ONE" WATER METER YOKE ASSEMBLEY**
(Please pickup at City Operations Department 1775 Industrial Drive.)

**Permit Number: PL2010-2**
**Date Issued: 3/1/2010**

COPY

**Job Location 890 N. Harmony**

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Owner: Fulfilling Housing, Inc.
Address: N 160 SR 108

Phone: 419-592-6451

Contractor: The Dotson Company
Phone: 419-877-0736

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Water Tap Size: 1"☐ 1 ½"☐ 2"☒ Other: _____
Water Meter Yoke Size: 5/8"☐ ¾"☐ 1"☒ Other
New Structure:☒ Existing Structure:☒ Lawn Meter:☐

**WATER SERVICE LINE TO BE TYPE "K" COPPER OR "CTS" POLYETHELENE TUBING OF 1" MINIMUM SIZE.**

Backflow Device Required? Yes ☒ No ☐
Type of Backflow Required: _____

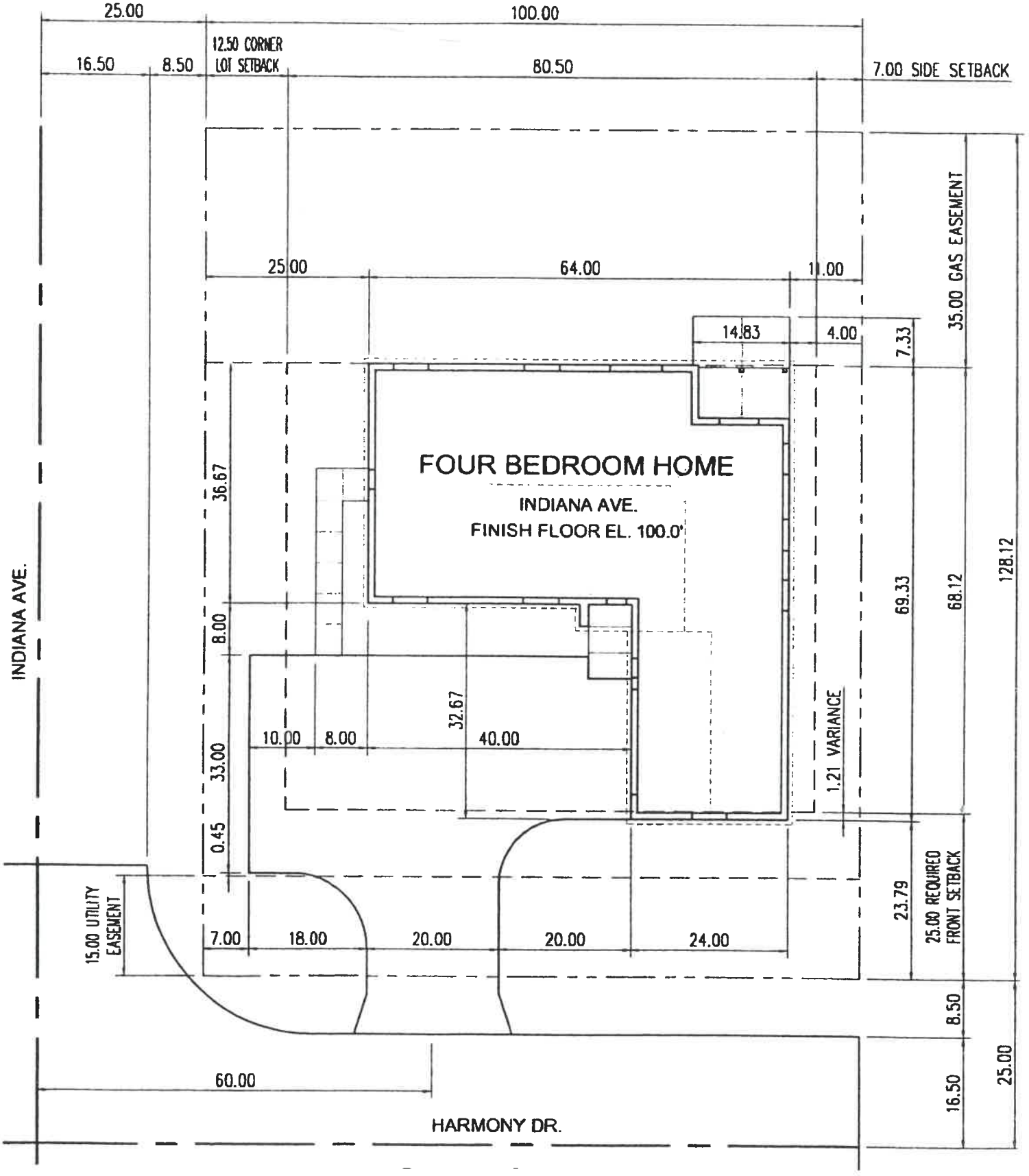
Water Meter Yoke Installation is subject to the following conditions:

1. Must be located in an accessible area.
2. Must be in an area which is not subject to freezing temperatures.
3. Must be at least 18" above floor level (no crawl space installations.)
4. Must comply with minimum mounting requirements (drawings available).

Issued By: _____ Received By: _____

1 Copy to: Building Dept, Water Dept.

890 N. Harmony



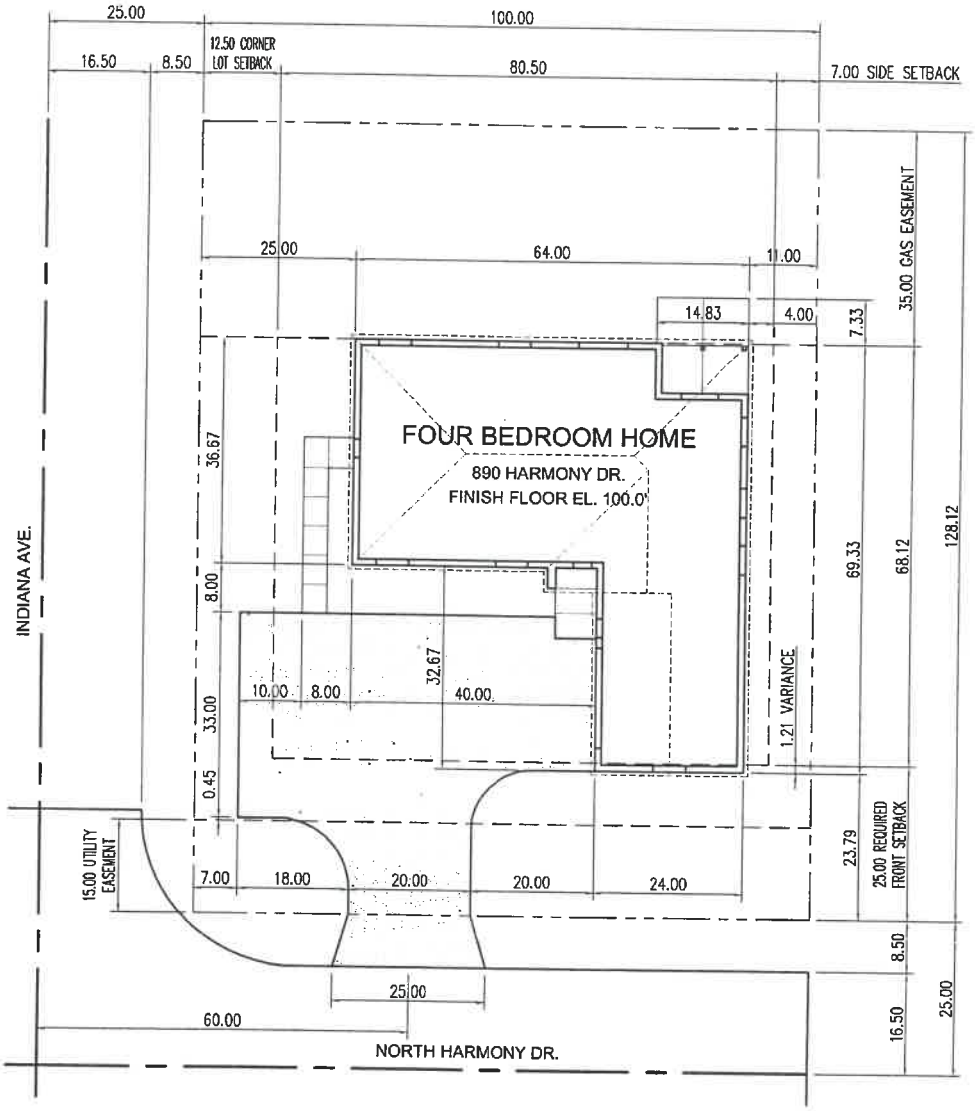

12,812 square feet in Lot

12,812

# NEW RESIDENTIAL CARE HOMES

## Sponsor: Fulfilling Housing, Inc.

## Architect: Normand Associates, Inc.




# LOT 40 BRICKYARD SUBDIVISION
# 890 NORTH HARMONY DR. SITE PLAN
# NAPOLEON, OHIO

0 10' 20' 40'

SCALE: 1" = 30'

HOME SIZE = 3,130.67 S.F.

N

The Dotson Company

GENERAL CONTRACTORS • CONSTRUCTION MANAGERS
P.O. BOX 2429, 6848 PROVIDENCE STREET, WHITEHOUSE, OHIO 43571
(419) 877-5176 FAX (419) 877-0736

January 15, 2010 **Item #1**

Mr. Jon Bisher
City of Napoleon
255 W. Riverview
P. O. Box 151
Napoleon, Ohio 43545

RE: Fulfilling Housing – new homes – water service installations
890 N. Harmony and
460 Oxford Street

Dear Jon,

This letter is our formal request to gain approval to install the water service at these two homes. These installations will differ from the City of Napoleon's standard installation practices.

You will find enclosed in this packet information that has been requested by Tom Zimmerman, The Fire Chief and the Water Department. All parties involved have copies of this information.

Our basic request is to have a single 2" tap at the street and to install a 2" water line from the street into the mechanical room of these homes. The request is for a single 2" tap in lieu of a 2" tap and a 1-1/4" tap for domestic water. The 2" waterline would serve these homes for a fire protection system (fire sprinklers) as well as the domestic water service. Details are enclosed.

This packet includes:
1. Our formal request to you to grant approval for one 2" tap.
2. Up dated hydraulic calculations as requested.
3. These fire protections systems are designed using glycerine as anti freeze. Enclosed are manufacturers information and Material Safety Data Sheets.
4. Revised detail showing metering and riser details per our Ohio Certified Designer.
5. A photograph showing a similar installation on 3 Oak Harbor, Ohio projects completed in 2008.
6. Standard meter setting detail, supplied by Napoleon
7. Site plans

Please call of you have any questions regarding our request.

Kurt Dotson
The Dotson Company, Inc.

Copy: Walt Nelson – Architect, Normand Associates
Paul Oehrtman – Fulfilling Housing
Tom Zimmerman – City of Napoleon, Building Official & Zoning Administrator
Bob Bennett – City of Napoleon, Fire Chief
Chad Lulfs – City of Napoleon, City Engineer
Jeff Marihugh – City of Napoleon, Operations Superintendent, Water Department

4792 LAVISTA ROAD
TUCKER, GA 30084

ITEM #2

HYDRAULIC CALCULATIONS FOR

FULLFILLING HOUSING INC.
890 NORTH HARMONY DRIVE
NAPOLEON, OHIO

DRAWING NUMBER: FP-1 DATE: 12/17/2009

-DESIGN DATA-

REMOTE AREA NUMBER: AREA #2 REMOTE AREA LOCATION: HALL

OCCUPANCY CLASSIFICATION: 13-D
DENSITY: .05 gpm/sq. ft.
AREA OF APPLICATION: 159 sq. ft.

COVERAGE PER SPRINKLER: VARIES
TYPE OF SPRINKLERS CALCULATED: VIKING RES. SSP-QR - K=4.3
NUMBER OF SPRINKLERS CALCULATED: 3 sprinklers

DOMESTIC DEMAND: 100 gpm
TOTAL WATER REQUIRED (INCLUDING DOMESTIC): 139.7 gpm
FLOW AND PRESSURE (AT SCE.): 139.7 gpm @35.6 psi

TYPE OF SYSTEM: 13-D
*VOLUME OF SYSTEM: APPROX. 10 GALLONS

WATER SUPPLY
Source: Test Date: 12/15/2009 Test By:MARINE FIRE SALES & SERVICE
Location: IN FRONT OF PROPERTY
Static: 60 psi Residual: 40 psi Flow: 1040 gpm
Source Elevation Relative to Finished Flow Level: 2 ft.

INSTALLING CONTRACTOR
Name: MARINE FIRE SALES & SERVICE
Address: 2236 SMEAD TOLEDO, OHIO
Phone: (419)255-2100 Certification number:

NAME OF DESIGNER: DIANA M. SCHAEFER
NICET III CERTIFICATION NO.: 105828
OHIO DESIGNER NO.: A323
AUTHORITY HAVING JURISDICTION:

NOTES:
Calculations performed by HASS 7.9 under license # 27060936 ,
granted by HRS SYSTEMS, INC. TUCKER, GA 30084 USA.

(Notes continue after pipe calculations results.)

DATE: 12/17/2009 C:\HASS79\MERCYOUTREACHNHARMONYNAPOLEONM.SDF
JOB TITLE:

WATER SUPPLY DATA

| SOURCE NODE TAG | STATIC PRESS. (PSI) | RESID. PRESS. (PSI) | @ FLOW (GPM) | AVAIL. PRESS. (PSI) | @ TOTAL DEMAND (GPM) | REQ'D PRESS. (PSI) |
|---|---|---|---|---|---|---|
| SCE | 60.0 | 40.0 | 1040.0 | 59.5 | 139.7 | 35.6 |

AGGREGATE FLOW ANALYSIS:

| | |
|---|---|
| TOTAL FLOW AT SOURCE | 139.7 GPM |
| TOTAL HOSE STREAM ALLOWANCE AT SOURCE | 100.0 GPM |
| OTHER HOSE STREAM ALLOWANCES | 0.0 GPM |
| TOTAL DISCHARGE FROM ACTIVE SPRINKLERS | 39.7 GPM |

NODE ANALYSIS DATA

| NODE TAG | ELEVATION (FT) | NODE TYPE | PRESSURE (PSI) | DISCHARGE (GPM) |
|---|---|---|---|---|
| 1 | 9.2 | K= 4.30 | 9.1 | 13.0 |
| 2 | 9.2 | K= 4.30 | 9.4 | 13.2 |
| 3 | 9.2 | K= 4.30 | 9.8 | 13.5 |
| B | 9.2 | - - - - | 12.2 | - - - |
| MT | 9.2 | - - - - | 15.3 | - - - |
| MB | 1.0 | - - - - | 19.9 | - - - |
| RPV | 1.0 | - - - - | 30.9 | - - - |
| M | 1.0 | - - - - | 31.1 | - - - |
| UT | 1.0 | - - - - | 33.1 | - - - |
| UB | 0.0 | - - - - | 33.6 | - - - |
| SCE | 0.0 | SOURCE | 35.6 | 39.7 |

PIPE DATA

| PIPE TAG / END NODES | ELEV. (FT) | NOZ. (K) | PT (PSI) | DISC. (GPM) | Q(GPM) VEL(FPS) | DIA(IN) HW(C) FL/FT | LENGTH (FT) | PRESS. SUM. (PSI) |
|---|---|---|---|---|---|---|---|---|
| Pipe: 1 | | | | | -13.0 | 1.101 PL | 10.00 PF | 0.3 |
| 1 | 9.2 | 4.3 | 9.1 | 13.0 | 4.4 | 150 FTG | ---- PE | 0.0 |
| 2 | 9.2 | 4.3 | 9.4 | 13.2 | | 0.031 TL | 10.00 PV | |
| Pipe: 1A | | | | | -26.2 | 1.394 PL | 10.00 PF | 0.4 |
| 2 | 9.2 | 4.3 | 9.4 | 13.2 | 5.5 | 150 FTG | ---- PE | 0.0 |
| 3 | 9.2 | 4.3 | 9.8 | 13.5 | | 0.036 TL | 10.00 PV | |
| Pipe: 1B | | | | | -39.7 | 1.394 PL | 21.75 PF | 2.4 |
| 3 | 9.2 | 4.3 | 9.8 | 13.5 | 8.3 | 150 FTG | T PE | 0.0 |
| B | 9.2 | 0.0 | 12.2 | 0.0 | | 0.077 TL | 31.27 PV | |
| Pipe: 3 | | | | | -39.7 | 1.394 PL | 31.50 PF | 3.1 |
| B | 9.2 | 0.0 | 12.2 | 0.0 | 8.3 | 150 FTG | 2E PE | 0.0 |
| MT | 9.2 | 0.0 | 15.3 | 0.0 | | 0.077 TL | 41.02 PV | |
| Pipe: 4 | | | | | -39.7 | 1.394 PL | 8.25 PF | 1.0 |
| MT | 9.2 | 0.0 | 15.3 | 0.0 | 8.3 | 150 FTG | E PE | 3.6 |
| MB | 1.0 | 0.0 | 19.9 | 0.0 | | 0.077 TL | 13.01 PV | |
| Pipe: 5 | | | | | FIXED PRESSURE LOSS DEVICE | | | |
| RPV | 1.0 | 0.0 | 30.9 | 0.0 | 11.0 psi, 39.7 gpm | | | |
| MB | 1.0 | 0.0 | 19.9 | 0.0 | | | | |
| Pipe: 6 | | | | | -39.7 | 1.394 PL | 0.50 PF | 0.2 |
| RPV | 1.0 | 0.0 | 30.9 | 0.0 | 8.3 | 150 FTG | G PE | 0.0 |
| M | 1.0 | 0.0 | 31.1 | 0.0 | | 0.077 TL | 2.09 PV | |
| Pipe: 7 | | | | | FIXED PRESSURE LOSS DEVICE | | | |
| UT | 1.0 | 0.0 | 33.1 | 0.0 | 2.0 psi, 39.7 gpm | | | |
| M | 1.0 | 0.0 | 31.1 | 0.0 | | | | |
| Pipe: 8 | | | | | -39.7 | 1.985 PL | 6.00 PF | 0.1 |
| UT | 1.0 | 0.0 | 33.1 | 0.0 | 4.1 | 150 FTG | ---- PE | 0.4 |
| UB | 0.0 | 0.0 | 33.6 | 0.0 | | 0.014 TL | 6.00 PV | |
| Pipe: 9 | | | | | -39.7 | 1.985 PL | 127.00 PF | 2.0 |
| UB | 0.0 | 0.0 | 33.6 | 0.0 | 4.1 | 150 FTG | ETG PE | 0.0 |
| SCE | 0.0 | SRCE | 35.6 | (N/A) | | 0.014 TL | 146.00 PV | |

NOTES (HASS):

(1) Calculations were performed by the HASS 8.0 computer program under license no. 27060936 granted by
HRS Systems, Inc.
208 South Public Square
Petersburg, TN 37144

(2) The system has been calculated to provide an average imbalance at each node of 0.003 gpm and a maximum imbalance at any node of 0.033 gpm.

(3) Total pressure at each node is used in balancing the system. Maximum water velocity is 8.3 ft/sec at pipe 3.

ITEM 3



# Material Safety Data Sheet

AKZO NOBEL

MSDS# 15-0951

## Section 1. Chemical Product and Company Identification

**Product name** GLYCERINE USP/CP 99.7% KOSHER

**Material Uses** : Surfactant.

**Supplier/ Manufacturer**

AKZO NOBEL SURFACE CHEMISTRY LLC
300 S. Riverside Plaza
Chicago, IL 60606

AKZO NOBEL CHEMICALS LTD.
1 City Centre Drive, Suite 320
Mississauga, Ontario L5B 1M2
Canada

**In Case of Emergency**

| | |
|---|---|
| CHEMTREC: | 800-424-9300 |
| CANUTEC: | 613-996-6666 |
| Medical/Handling: | 306-242-3855 |
| Product/Technical: | 800-906-9977 |

## Section 2. Composition, Information on Ingredients

| Name | CAS # | % by Weight |
|---|---|---|
| 1,2,3-Propanetriol | 56-81-5 | 99.7 |

## Section 3. Hazards Identification

**Physical State** Liquid.

**Color** Clear, colorless.

**Odor** Odorless.

**Emergency Overview** CAUTION

**Possible Carcinogenic Effects** IARC, NTP, OSHA, ACGIH: Not listed.

**Routes of Entry** Absorbed through skin. Eye contact. Inhalation.

**See Toxicological Information (section 11)**

## Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

**Skin Contact** Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Medical Conditions Aggravated by Overexposure** Repeated or prolonged exposure is not known to aggravate medical condition.

*Continued on Next Page*

## Section 5. Fire Fighting Measures

| | |
|---|---|
| **Flammability of the Product** | May be combustible at high temperature. |
| **Autoignition Temperature** | 370°C (698°F) |
| **Flash Points** | CLOSED CUP: 160°C (320°F). (Pensky-Martens.) |
| **Flammable Limits** | LOWER: 0.9% |
| **Products of Combustion** | These products are carbon oxides (CO, CO2). |
| **Fire Fighting Media and Instructions** | SMALL FIRE: Use DRY chemical powder.<br>LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| **Protective Clothing (Fire)** | Be sure to use an approved/certified respirator or equivalent. |
| **Special Remarks on Fire Hazards** | Treat as an oil fire. |

## Section 6. Accidental Release Measures

| | |
|---|---|
| **Small Spill and Leak** | Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. |
| **Large Spill and Leak** | If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: Absorb with an inert material and put the spilled material in an appropriate waste disposal. |

## Section 7. Handling and Storage

| | |
|---|---|
| **Handling** | Avoid breathing vapors or spray mists. |
| **Storage** | Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 60°C (140°F). |

## Section 8. Exposure Controls, Personal Protection

**Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection**

| | |
|---|---|
| **Eyes** | Safety glasses. |
| **Body** | Lab coat. |
| **Respiratory** | Not applicable. |
| **Hands** | Not applicable. |
| **Feet** | Not applicable. |

**Protective Clothing (Pictograms)**

**Personal Protection in Case of a Large Spill**

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

| Ingredient Name | Exposure Limits United States | Exposure Limits Canada |
|---|---|---|
| 1,2,3-Propanetriol | **ACGIH (United States, 1994).**<br>TWA: 10 mg/m³ Form: Mist<br>**OSHA Final Rule (United States, 1989).**<br>TWA: 5 mg/m³ Form: Respirable fraction<br>TWA: 10 mg/m³ Form: Total dust | Not available. |

**Consult local authorities for acceptable exposure limits.**

Continued on Next Page

## Section 9. Physical and Chemical Properties

| | |
|---|---|
| **Physical State** | Liquid. |
| **Color** | Clear, colorless. |
| **Odor** | Odorless. |
| **Molecular Weight** | 92.11 g/mole |
| **Molecular Formula** | $C_3H_8O_3$ |
| **pH (1% Soln/Water)** | 7 [Neutral.] |
| **Boiling/Condensation Point** | 290°C (554°F) |
| **Melting/Freezing Point** | 20°C (68°F) |
| **Density** | 1.261 g/cm$^3$ |
| **Vapor Pressure** | 0.0003 kPa (0.003 mmHg) (at 20°C) |
| **Vapor Density** | 3.1 (Air = 1) |
| **Solubility** | Soluble in cold water. |
| | Viscosity = 1400 mPas @ 20C. |

## Section 10. Stability and Reactivity

| | |
|---|---|
| **Stability and Reactivity** | The product is stable. |
| **Incompatibility with Various Substances** | Reactive with oxidizing agents, acids, alkalis. |
| **Hazardous Polymerization** | Will not occur. |

## Section 11. Toxicological Information

### Toxicity to Animals

| Ingredient Name or Product name | Test | Result | Route | Species |
|---|---|---|---|---|
| 1,2,3-Propanetriol | LD50 | >3800 mg/kg | Oral | Rat |
| | LD50 | >10000 mg/kg | Dermal | Rabbit |

| | |
|---|---|
| **Special Remarks on Toxicity to Animals** | INHALATION LC50 >0.57 mg/l Rat |
| **Chronic Effects on Humans** | **CARCINOGENIC EFFECTS:** Classified None. by NIOSH. |
| **Acute Effects Skin** | Practically non-toxic in contact with skin. Non-irritating to the skin. |
| **Acute Effects Eyes** | Non-irritating to the eyes. |
| **Special Remarks on Other Toxic Effects on Humans** | :<br>- 1,2,3-Propanetriol: Not applicable. |

## Section 12. Ecological Information

| | |
|---|---|
| **Products of Degradation** | These products are carbon oxides (CO, CO2) and water. |
| **Toxicity of the Products of Biodegradation** | The product itself and its products of degradation are not toxic. |

Continued on Next Page

## Section 13. Disposal Considerations

**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Consult your local or regional authorities.**

## Section 14. Transport Information

| Regulatory Information | UN number | Proper shipping name | Class | Packing Group | Label | Additional information |
|---|---|---|---|---|---|---|
| DOT Classification | Not regulated. | Not available. | Not available. - | | | - |
| TDG Classification | Not regulated. | Not available. | Not available - | | | - |
| IMDG Class | Not regulated. | Not available. | Not available. - | | | - |
| IATA-DGR Class | Not regulated. | Not available. | Not available - | | | - |

## Section 15. Regulatory Information

**HCS Classification**

Not controlled under the HCS (United States).

**U.S. Federal Regulations**

TSCA 8(b) inventory: 1,2,3-Propanetriol

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found.

Clean air act (CAA) 112 regulated flammable substances: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: 1,2,3-Propanetriol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 1,2,3-Propanetriol: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard

SARA 313 toxic chemical notification and release reporting: No products were found.

**Other Regulations**

Not applicable.

**State Regulations**

Pennsylvania RTK: 1,2,3-Propanetriol: (generic environmental hazard)
Massachusetts RTK: 1,2,3-Propanetriol

California prop. 65: No products were found.

**WHMIS (Canada)**

Not controlled under WHMIS (Canada).

CEPA DSL: 1,2,3-Propanetriol

| Component | EC Number | EC Status | EC Annex |
|---|---|---|---|

*Continued on Next Page*

| | | | | |
|---|---|---|---|---|
| European Union | 1,2,3-Propanetriol | 200-289-5 | Not available. | Not available. |

This product is not classified according to the EU regulations.

**Other International Lists**

Australia (NICNAS): 1,2,3-Propanetriol

Japan (MITI): 1,2,3-Propanetriol

Korea (TCCL): 1,2,3-Propanetriol

Philippines (RA6969): 1,2,3-Propanetriol

Swiss No. G-1659: 1,2,3-Propanetriol

## Section 16. Other Information

**Hazardous Material Information System (U.S.A.)**

| | |
|---|---|
| Health | 1 |
| Fire Hazard | 1 |
| Reactivity | 0 |
| Personal Protection | A |

**National Fire Protection Association (U.S.A.)**

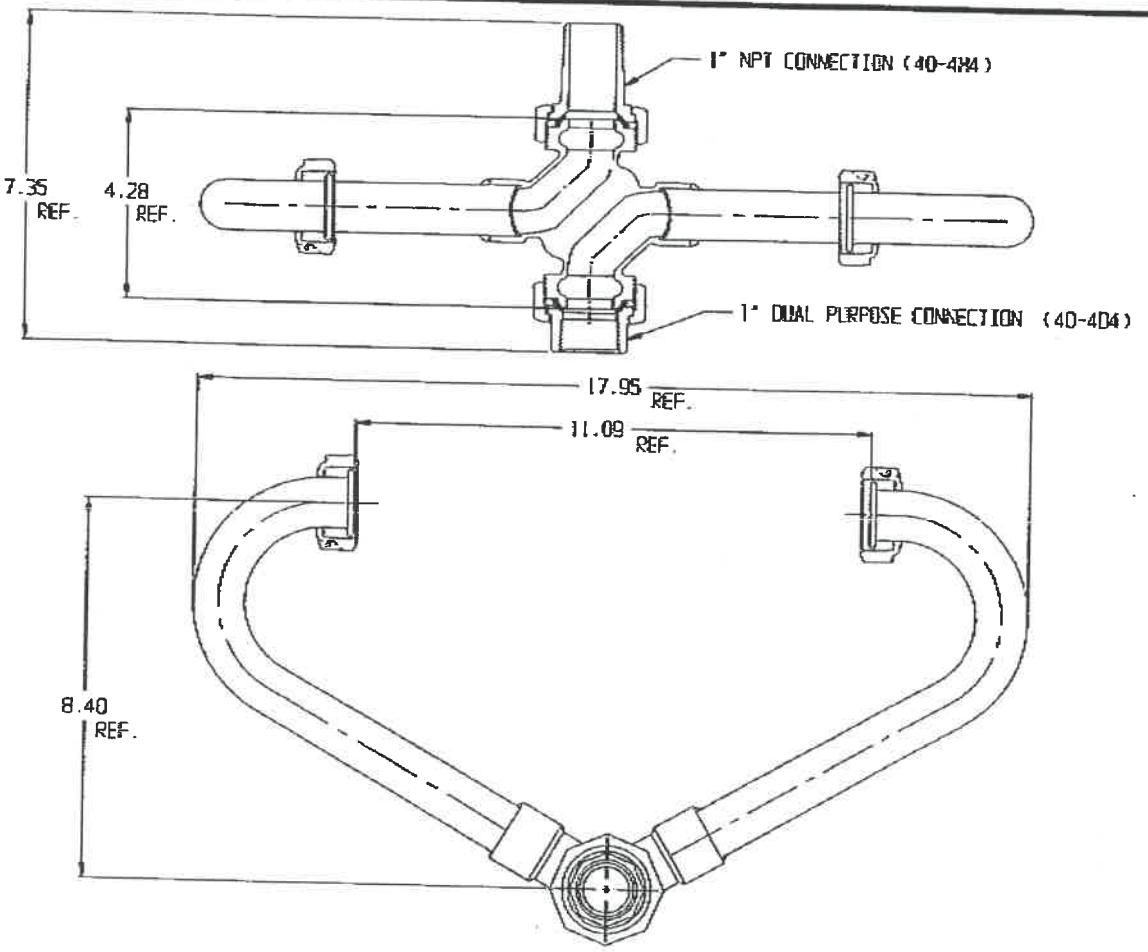

| | | | |
|---|---|---|---|
| Validation Date | 8/27/2002. | Validated by | Gabrielle Brite |
| Previous Validation Date | No Previous Validation. | Print Date | 8/27/2002. |

### Notice to Reader

**The information in the material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions or as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered. If the date on this document is more than three years old, call to make certain that this sheet is current.**


Item #5
TO SPRINKLER LINES/ HEADS
DOMESTIC WATER
METER
2" WATER LINE

| 4149-148 | - |
|---|---|
| PART No. | |
| CORE No. | |




| MATERIAL SPECIFICATIONS | |
|---|---|
| UNLESS OTHERWISE SPECIFIED - TOLERANCES, ETC. | |
| CASTINGS: +/- .025 | |
| 2 PLACE DECIMALS (.00) +/- .015 | |
| 3 PLACE DECIMALS (.000) +/- .005 | |
| FINISH 125 max. | RADII: |
| CONCENTRICITY T.I.R. max. | DRAFT: |
| DIMENSIONS IN INCHES | |

A. Y. McDONALD CONSIDERS THE INFORMATION ON THIS ASSEMBLY DRAWING CORRECT WHEN PUBLISHED. ITEM AND OPTION AVAILABILITY INCLUDING SPECIFICATIONS, ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE VERIFY THAT PRODUCT INFORMATION IS CURRENT.

4149-148

| E.O. No. | SYM. | REVISIONS |
|---|---|---|
| 08- | --- | RELEASED TO SALES ASSY DIRECTORY |

1



40-4----DM 44
C-STYLE INSETTER
-ASSEMBLY

DRAWN: DJC 3/17/08
CHECKED:
SCALE:
APPROVED:

A.Y. McDonald Mfg. Co.
DUBUQUE, IOWA

4149-148 -

Item #6