

RE: Marion Local Elementary
Report
Drinking Water Program
Mercer County
PWS ID: OH5433412

RECEIVED

FEB 13 2017

OHIO E.P.A.
N.W.D.O.

Submittal For:
Marion Local School
Elementary
Maria Stein, OH

Submitted By:
Frost & Co., Inc.
Wapakoneta, OH

Elementary FAUCETS +
WATER COOLER INSTALLED
5001



Submitted By:
Karen Bruns
1-800-873-2898, Ext. 353

Frost & Co., Inc. wishes to submit these shop drawings for approval by the Architect/Engineer.

Date: **February 1, 2001**

Submitted by:

Jim Walls

Project Name: Marion Local Schools

Project Number: 9945 & 9946

Specification Section: **15400-42 , 15400-43**

Submittal Number: 1

ITEMS SUBMITTED

Marion Local Elementary School

15400-42 Wall Hydrants

15400-43 Plumbing Fixtures

SHOP DRAWING REVIEW	
ENGINEER'S REVIEW	RESPONSE REQUIRED OF CONTRACTOR
☐ No Exceptions Taken ☐ Rejected ☒ Note Markings ☐ Comments Attached	☐ Confirm ☐ Resubmit
Engineer's review is for general conformance with the design concept and contract documents. Markings or comments shall not be construed as relieving the Contractor from compliance with the project specifications, not departures therefrom. The Contractor remains responsible for details and accuracy, for confirming and correlating all quantities and dimensions, for selecting fabrication processes, for techniques of assembly, and for performing his work in a safe manner. WEHRKAMP ENGINEERING, INC.	
By: <i>JK</i>	Date: <i>2-22</i>

ALL LAWS MARKED DOA TO BE EQUIPPED WITH OFFSET TAILPIECES.

Table of Contents

Section Name: A1**Items Contained in Section:**

- K4321-0 Kohler Water Closet
- 8111 Sloan Regal Flush Valve
- 90-104 Hercules Johni-Bolts
- 90-210 Hercules Wax Rings

Section Name: A2**Items Contained in Section:**

- K4330-0 Kohler Water Closet
- 8111 Sloan Regal Flush Valve
- 1655SS/C Bemis White Seat

Section Name: C-1**Items Contained in Section:**

- K2006-0 Kohler Lavatory
- K7443-K-CP Kohler Base Faucet
- K16012-4-CP Kohler Handles
- K18026-CP Kohler Aerator
- 155WC McGuire Grid Drain
- 8902C McGuire P-Trap
- 158LK McGuire Stop & Supply
- 103 Truebro White Trap Wrap

Section Name: C2**Items Contained in Section:**

- K2196-4-0 Kohler Lavatory
- K15592-CP Kohler Faucet
- 155A McGuire Grid Drain
- 8902C McGuire P-Trap
- 165LK McGuire Stop & Supply
- 102 Truebro White Trap Wrap

Table of Contents

Section Name: D1**Items Contained in Section:**

- LR1716-3 Elkay Sink
- 6275.000.002 American Standard Faucet
- 0000.152H.002 American Standard Handles
- 151A McGuire Basket Strainer
- 8912C McGuire P-Trap
- 165LK McGuire Stop & Supply

Section Name: D2**Items Contained in Section:**

- LR1918-3 Elkay Sink
- 6275.000.002 American Standard Faucet
- 0000.152H.002 American Standard Handles
- 151A McGuire Basket Strainer
- 8912C McGuire P-Trap
- 165LK McGuire Stop & Supply

Section Name: J1 & J2**Items Contained in Section:**

- P8AM Oasis Water Cooler
- 8902C McGuire P-Trap
- 166LK McGuire Stop & Supply

Section Name: Wall Hydrant**Items Contained in Section:**

- 65C Woodford Wall Hydrant

WELL LOG AND DRILLING REPORT

CUSTOMER COPY

PLEASE USE PENCIL
OR INK
DO NOT USE INKState of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. Broad Avenue
Columbus 12, Ohio

No. 310578

County _____ Township _____ Section of Township _____

Owner _____ Address _____

Location of property _____

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

Casing diameter _____ Length of casing _____ Pumping Rate _____ G.P.M. Duration of test _____

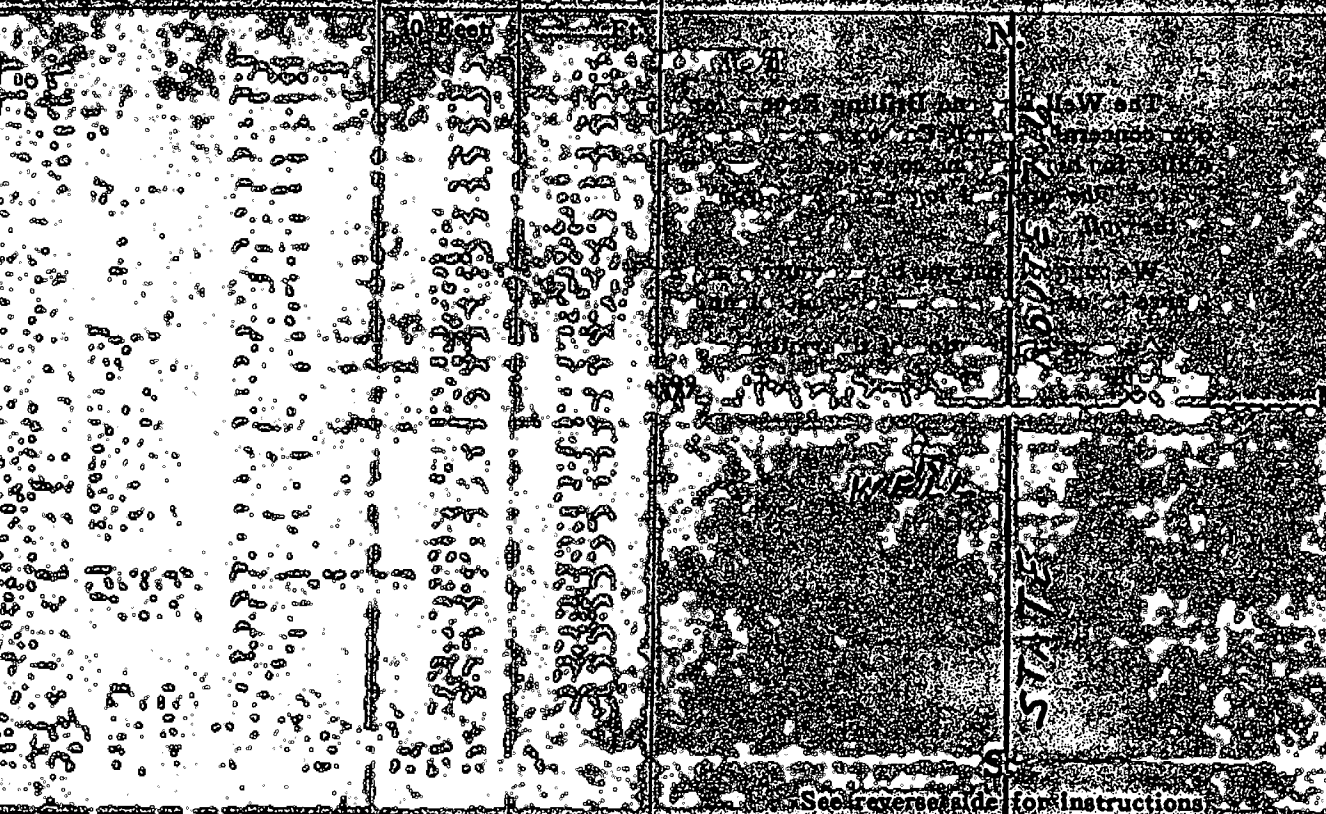
Type of pump _____ Time of pump _____

Capacity of pump _____ Quality (clear, cloudy, taste, odor) _____

Drift of pump _____ Pump installed by _____

WELL LOG

SKETCH SHOWING LOCATION

Sandstone (blue, limestone) _____ From _____
Gravel and clay _____

See reverse side for instructions

Drilling firm _____ Date _____

Address _____ Signed _____

MAR-19-99 FRI 12:11 PM LEFELD PLUMBING AND HEATING 419 678 8816

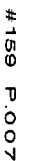
P.02

PUMP & WELL RECORD

OWNER: <u>Marion School</u>		DATE: <u>9-6-96</u>
ADDRESS: <u>Elementary</u>		LOCATION OF WELL:
WELL DEPTH: <u>220 ft</u>	PUMP MODEL: <u>Grundfos 80575-7</u>	TANK SIZE & TYPE:
FLOW RATE: <u>70 G.P.M.</u>	PUMP SERIAL NO: <u>P1960245</u>	CABLE SIZE: <u>#6</u>
PUMPING WATER LEVEL: <u>35 ft</u>	HORSEPOWER: <u>7 1/2 hp</u>	CABLE LENGTH:
PUMP SETTING: <u>1 1/2 ft</u>	MOTOR MAKE: <u>Franklin</u>	HEATERS USED: <u>Cotter Hammer</u>
PIPE SIZE: <u>3" Cert</u>	MOTOR DATE CODE: <u>200 volt</u>	CURRENT & VOLTAGE READING (BY LEG) } L-1 <u>209</u> L-2 <u>209</u> L-3 <u>209</u>
CASING SIZE: <u>6"</u>	3 PHASE STARTER SIZE	

One floor facility

\$ - Water shutoff





Spreadsheet for lead and copper sample sites

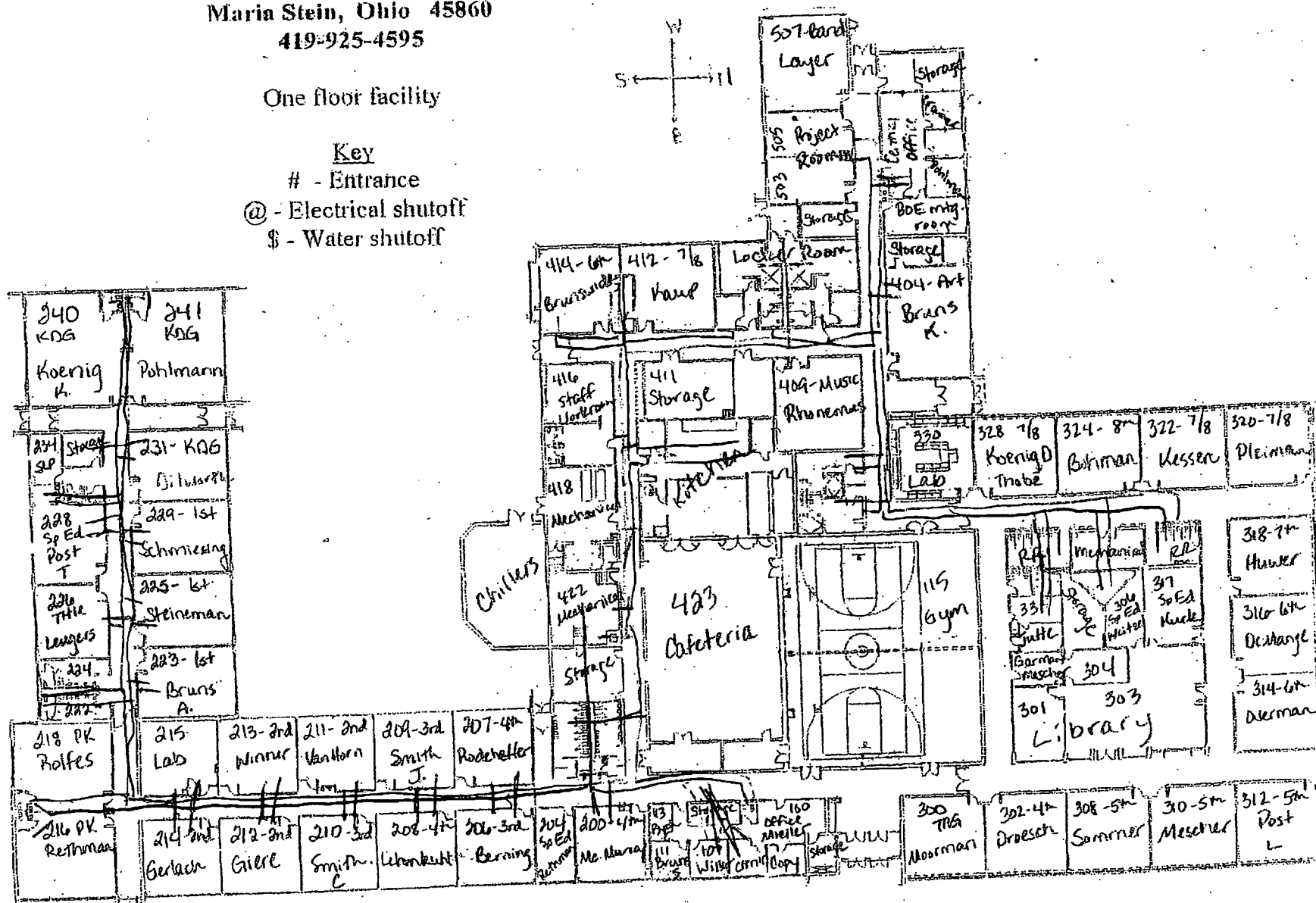
* = Required field

Please return to Michael.deal@epa.ohio.gov with subject "Lead and Copp

PWS ID*	PWS Name*	SMP ID*	Tier Site*	Street Address*	City*	State*	Zip*	Tap Location*	Resident Name*
OH5433412	Marion Local Elem	LC201	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Mike O	Marion Local Eleme
OH5433412	Marion Local Elem	LC202	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D 4th G	Marion Local Eleme
OH5433412	Marion Local Elem	LC203	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Storage	Marion Local Eleme
OH5433412	Marion Local Elem	LC204	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Preschool	Marion Local Eleme
OH5433412	Marion Local Elem	LC205	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Office	Marion Local Eleme
OH5433412	Marion Local Elem	LC206	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Restroom	Marion Local Eleme
OH5433412	Marion Local Elem	LC207	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	R TeacherL	Marion Local Eleme
OH5433412	Marion Local Elem	LC208	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Locker R	Marion Local Eleme
OH5433412	Marion Local Elem	LC209	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Sink 2	Marion Local Eleme
OH5433412	Marion Local Elem	LC210	Tier 2	7956 St Rte 119	Maria Stein	OH	45860	D Sink 1	Marion Local Eleme
		LC211							
		LC212							
		LC213							
		LC214							
		LC215							
		LC216							
		LC217							
		LC218							
		LC219							
		LC220							
		LC221							
		LC222							
		LC223							
		LC224							

One floor facility

\$ - Water shutoff



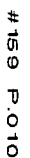
• - Cold
• - Hot.

7956 State Route 119
Maria Stein, Ohio 45860
419-925-4595

Key

@ - Electrical shutoff

\$ - Water shutoff



Marion Local Elementary School

7956 State Route 119
Marion, Ohio 45860
419-925-4595

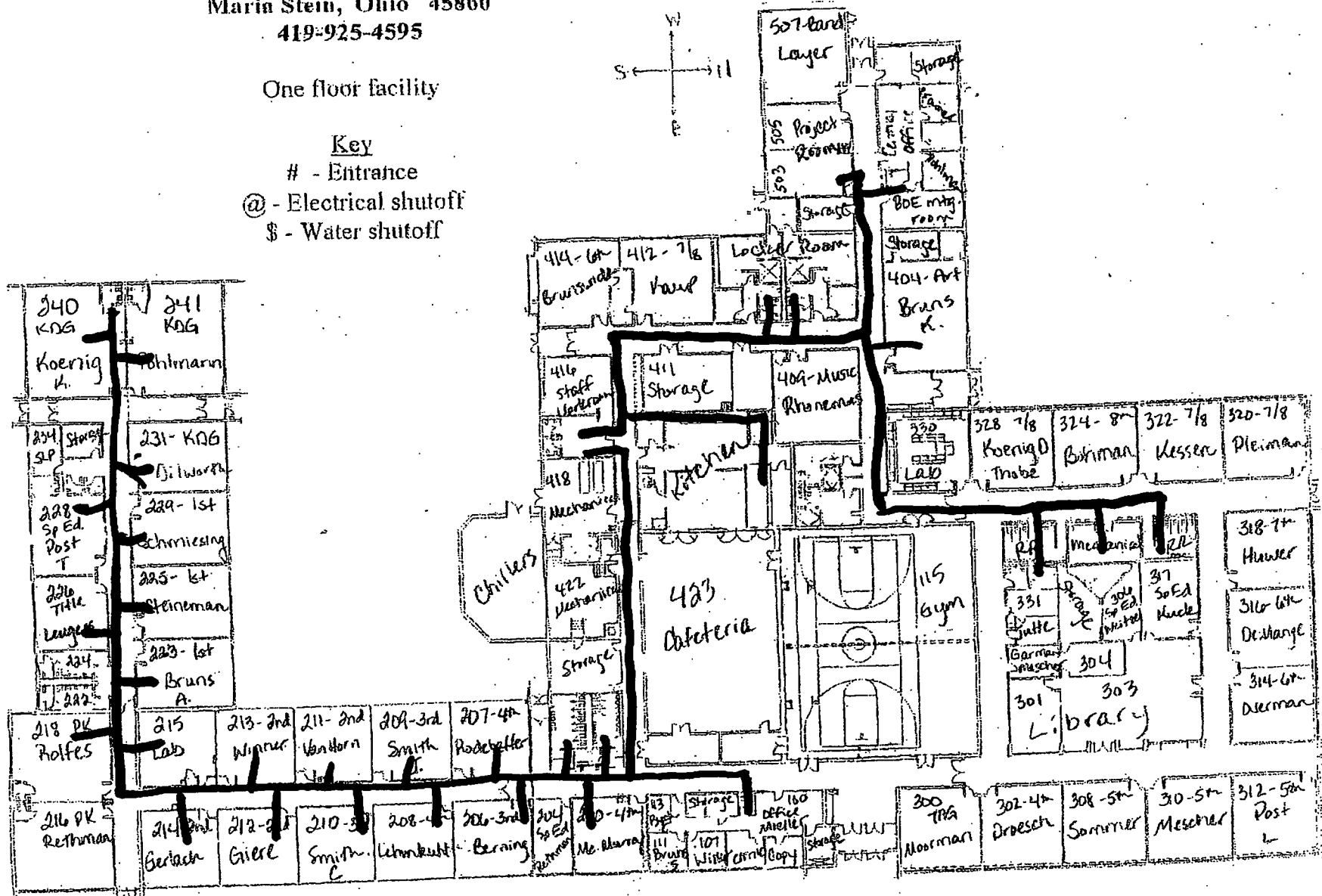
One floor facility

Key

- Entrance

@ - Electrical shutoff

\$ - Water shutoff



- Hot Water

97

Marion Local Elementary School

7956 State Route 119
 Maria Stein, Ohio 45860
 419-925-4595

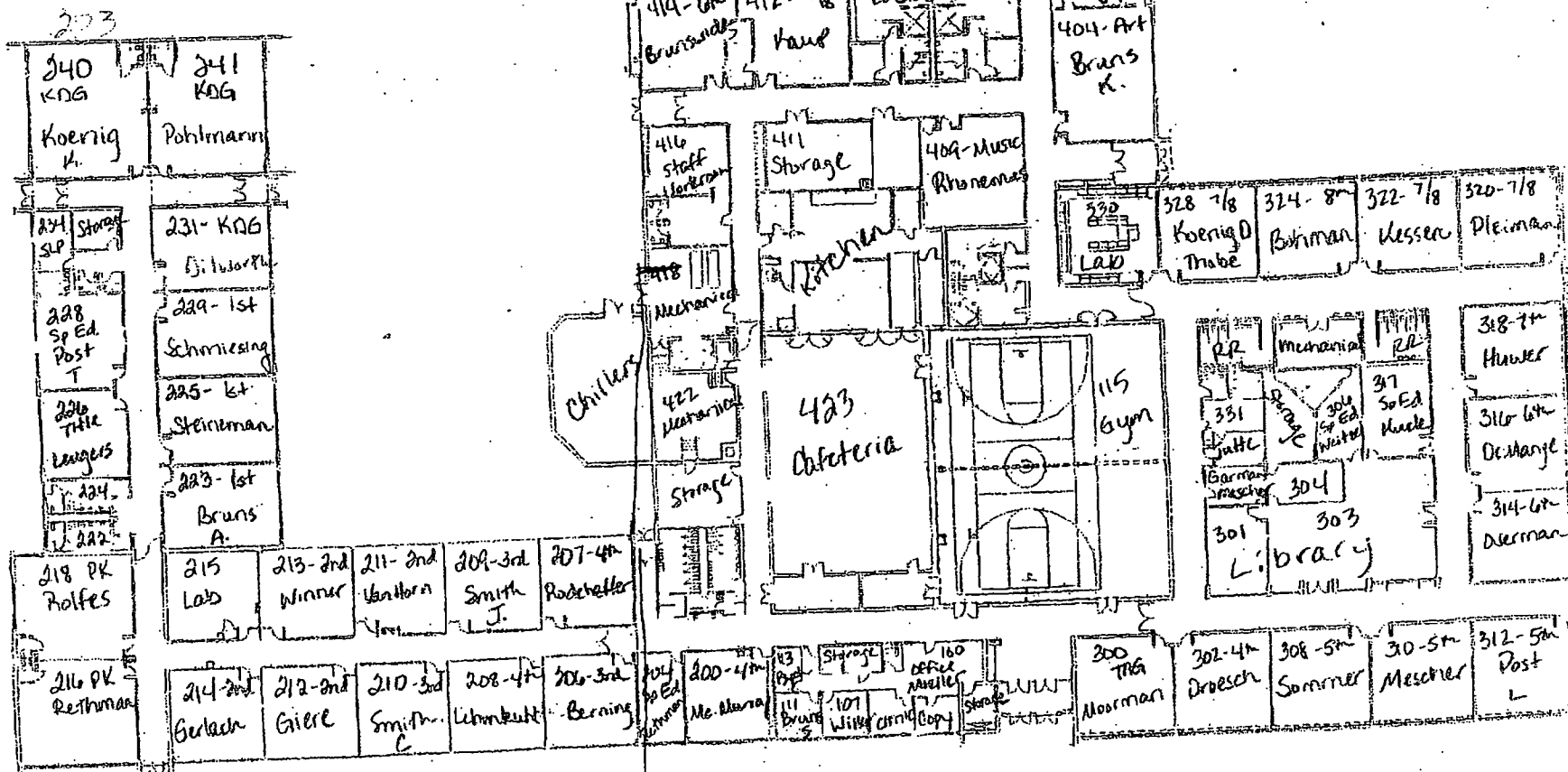
One floor facility

Key

- Entrance

@ - Electrical shutoff

\$ - Water shutoff



2" Copper line
 feed AND Then
 changes to plastic
 in Boiler Room

Well

WEHRKAMP ENGINEERING, INC
Consulting Engineers

315 Public Square - Suite 210

Troy, OH 45373

937 440 8141 Fax 440-8252

To: TURNER, MEGAN**LETTER OF TRANSMITTAL**Date: 2-22-01 Job No. 9903

Attention:

Re: MARION LOCALWe are sending you: ☒ Attached ☐ Under separate cover via _____ the following items:

☒ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
5	—	—	PIPE INSULATION
5	—	—	PIPE & FITTINGS
4	—	—	DRAINS, CORRIERS, INTERLOCKERS
* 4	—	—	PLUMBING FIXTURES - WDW HYDRAULICS
* 4	—	—	" " " "

☐ For Approval ☒ Approved as submitted ☐ resubmit _____ copies for approval
☐ For your use * ☒ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ ☐ Prints returned after loan to us

REMARKS

Copy to: ELM 1Signed: [Signature]



MARION LOCAL HIGH School
1901 St R 716
MARIA Stein Ohio 45860

419-925-4597

Spreadsheet for lead and copper sample sites

* = Required field

Please return to Michael.deal@epa.ohio.gov with subject "Lead and Coppe

PWS ID*	PWS Name*	SMP ID*	Tier Site*	Street Address*	City*	State*	Zip*	Tap Location*	Resident Name*
OH5433512	Marion Local High	LC201	Tier 2	1901 St Rte 716	Maria Stein	OH	45860	Kitchen	Marion Local High Sc
OH5433512	Marion Local High	LC202	Tier 2	1901 St Rte 716	Maria Stein	OH	45860	Restroom office	Marion Local High Sc
OH5433512	Marion Local High	LC203	Tier 2	1901 St Rte 716	Maria Stein	OH	45860	Drinking Fountain	Marion Local High Sc
OH5433512	Marion Local High	LC204	Tier 2	1901 St Rte 716	Maria Stein	OH	45860	Drinking Fountain	Marion Local High Sc
OH5433512	Marion Local High	LC205	Tier 2	1901 St Rte 716	Maria Stein	OH	45860	Drinking Fountain	Marion Local High Sc
		LC206							
		LC207							
		LC208							
		LC209							
		LC210							
		LC211							
		LC212							
		LC213							
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		LC222							
		LC223							
		LC224							

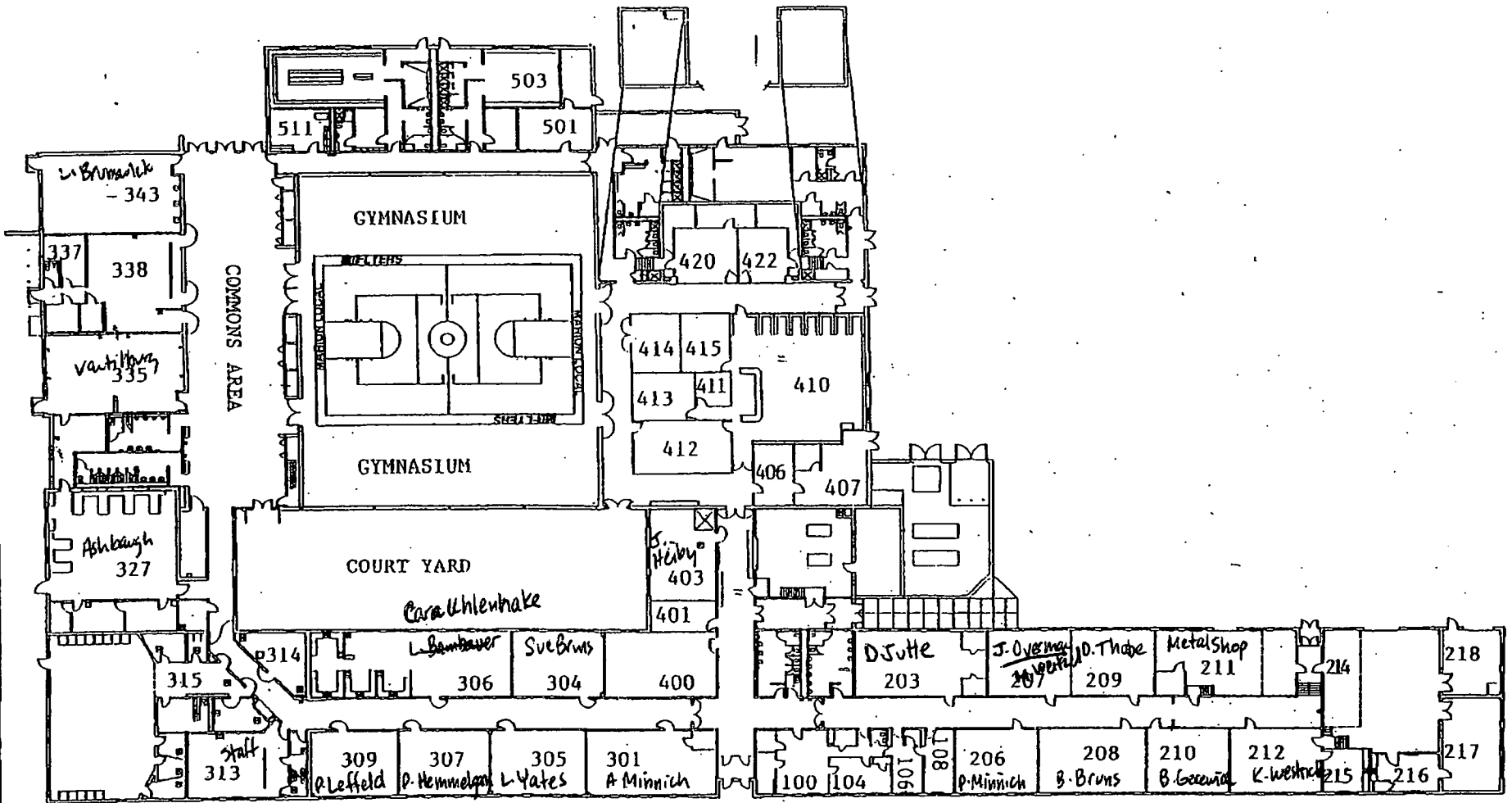


EXHIBIT:	1
COMM. NO.	9946
DATE:	AUGUST 19, 2002

MARION LOCAL HIGH SCHOOL
MARION LOCAL SCHOOLS

STATE ROUTE 718

MARIA STED, DRD

61 South Main Street
Marion, OH 43040
419 925 5111
419 925 5112

MILLER
ENGINEERS
ARCHITECTS
INTERIORS

GARMANN

WELL LOG AND DRILLING REPORT

CUSTOMER COPY

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INKState of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. River Avenue
Columbus 12, Ohio

No. 310579

County Marion Township Union Section of Township 37
Owner Marion Local High School Address 1562 W. River Avenue
Location of property 26 High School

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

Casing diameter 4" Length of casing 20'
Type of screen 20' Length of screen 20'
Type of pump Hand
Capacity of pump 100 G.P.M.
Depth of pump setting 20'
Date of completion 1-27-2014Pumping Rate 100 G.P.M. Duration of test 1 hr
Drawdown 10' Date 1-27-2014
Static level depth to water 10'
Quality (clear, cloudy, taste, odor) Clear
Pump installed by Hand

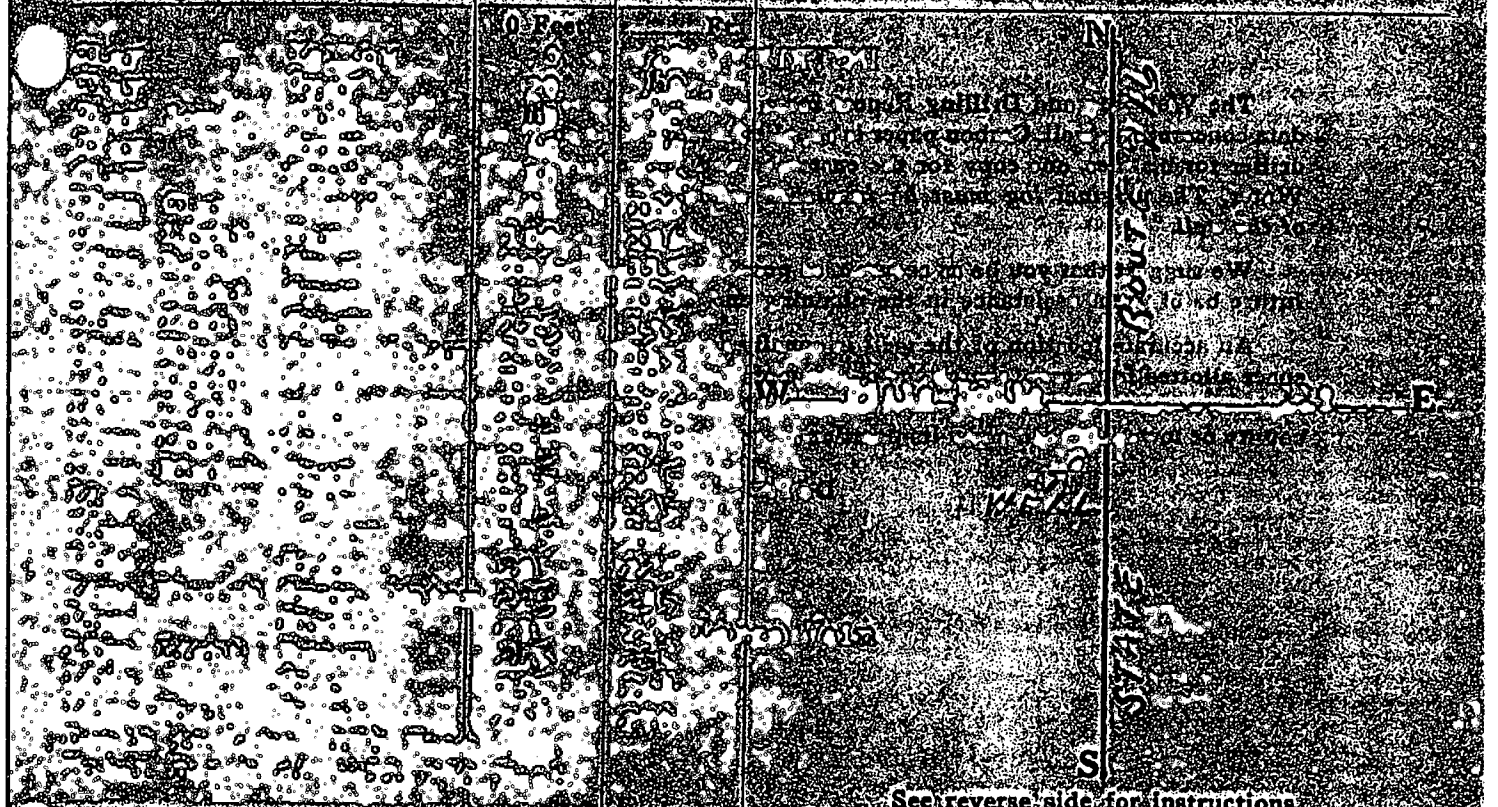
WELL LOG

SKETCH SHOWING LOCATION

Formations
Sandstone, shale, limestone,
gravel and clay

From

To

Locate in reference to numbered
State Highways, State Intersections, County roads, etc.Drilling Firm Marion Local High School
Address 1562 W. River AvenueDate 1-27-2014
Signed Marion Local High School

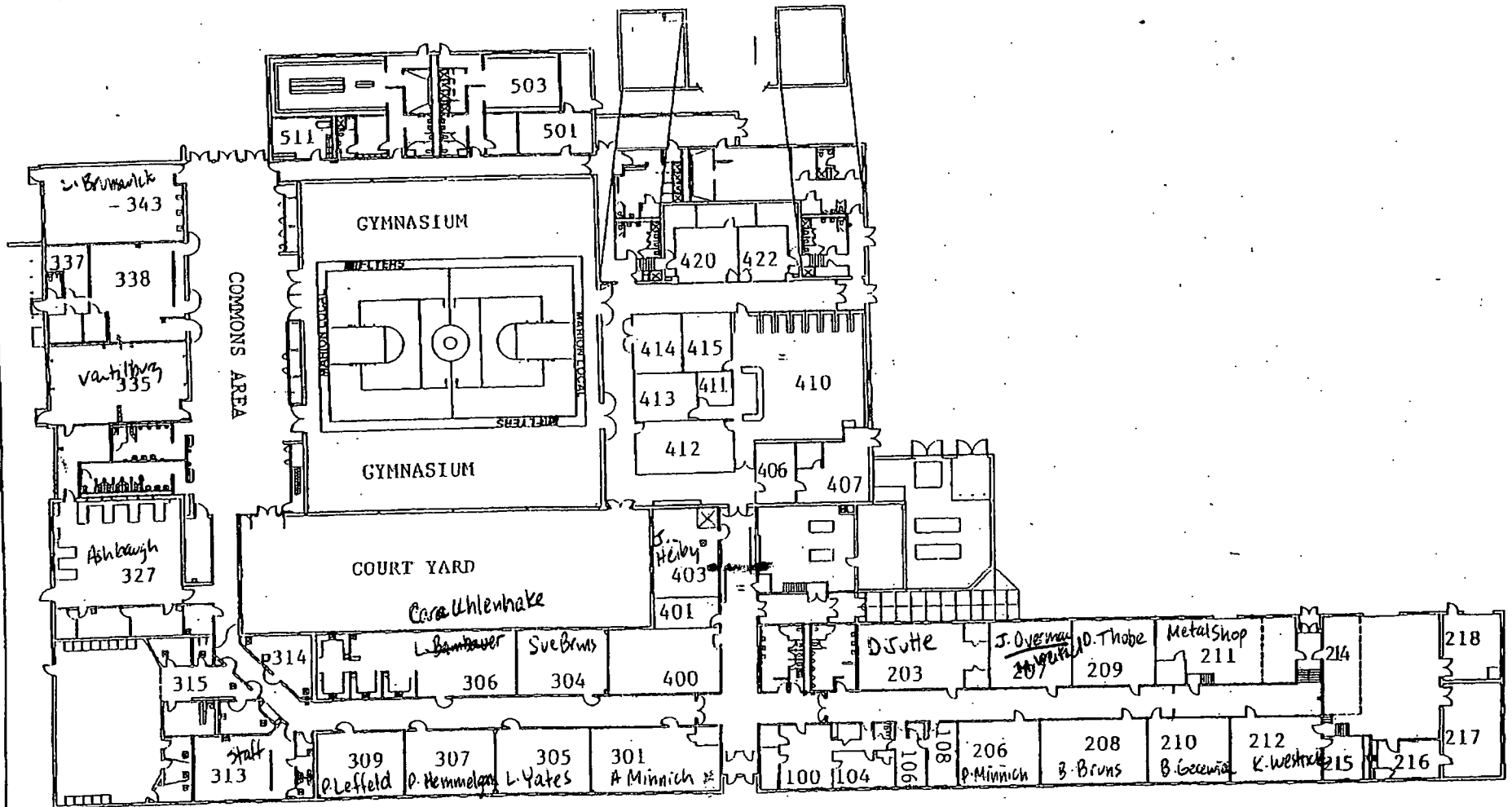


EXHIBIT:

1

COMM. NO.

0946

DATE:

AUGUST 10, 2002

MARION LOCAL HIGH SCHOOL

MARION LOCAL SCHOOLS

STATE ROUTE 710

MARIA STEIN, OHIO

GARMANN

MILLER

ARCHITECTS

ENGINEERS

60 South Lincoln Avenue

Westerville, OH 43081

614.885.4540

419.885.4540

419.885.4540

Marion Local High School

• Hot water

2" plastic feed in
stalled - 99-2001 - with
Copper feeding Sinks
~~used~~ with new
fixtures installed

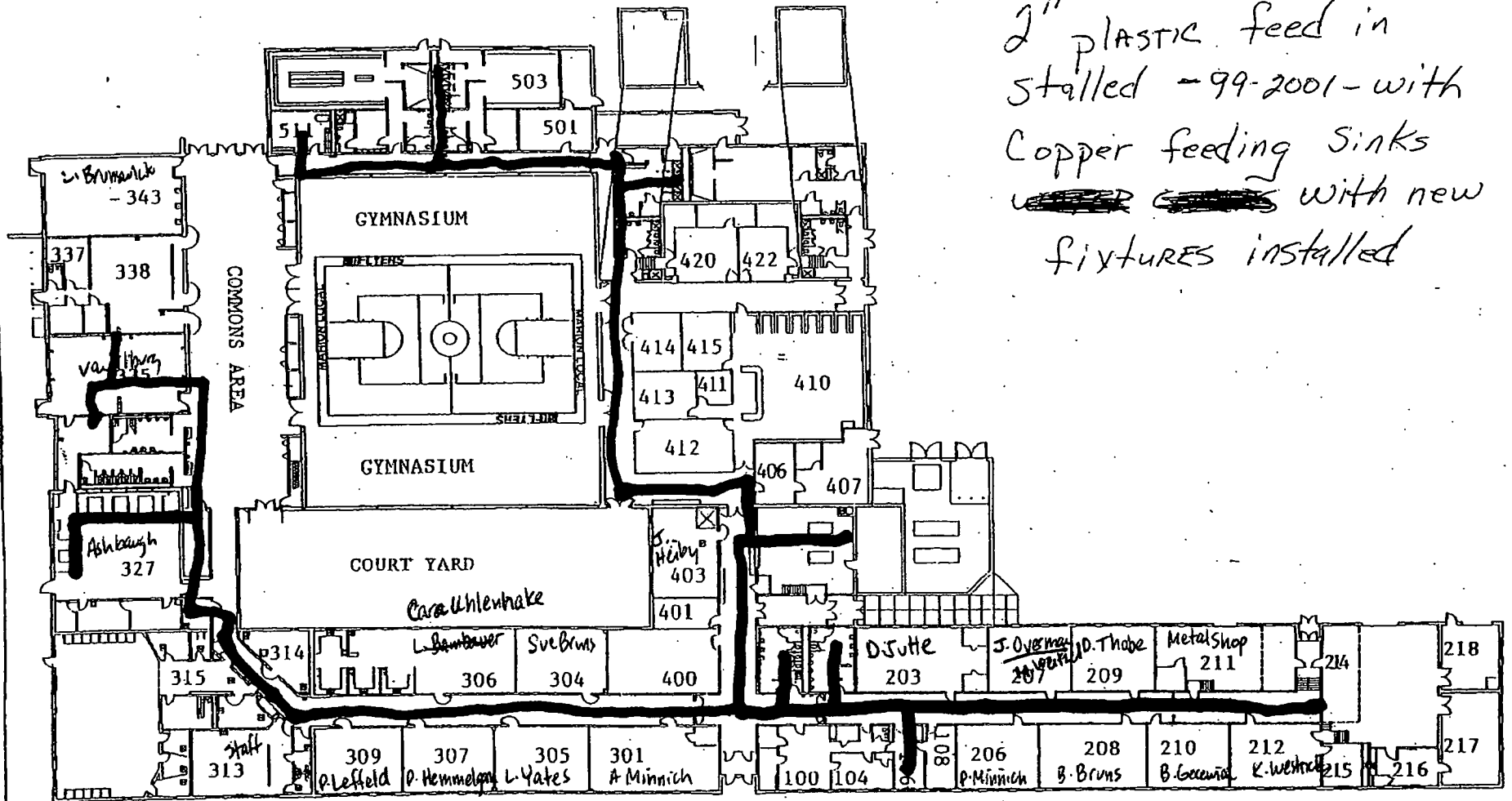


EXHIBIT:

1

COMM. NO.

0946

DATE:

AUGUST 10, 2002

MARION LOCAL HIGH SCHOOL

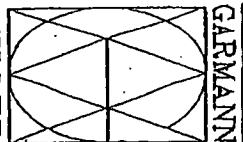
MARION LOCAL SCHOOLS

STATE ROUTE 716

MARIA STEPH, OHIO

50 South Lincoln Street
P.O. Box 100, Marion, OH 43040
419 628 4444
419 628 4444
419 628 4444

MILLER
L. S. MILLER
INCORPORATED



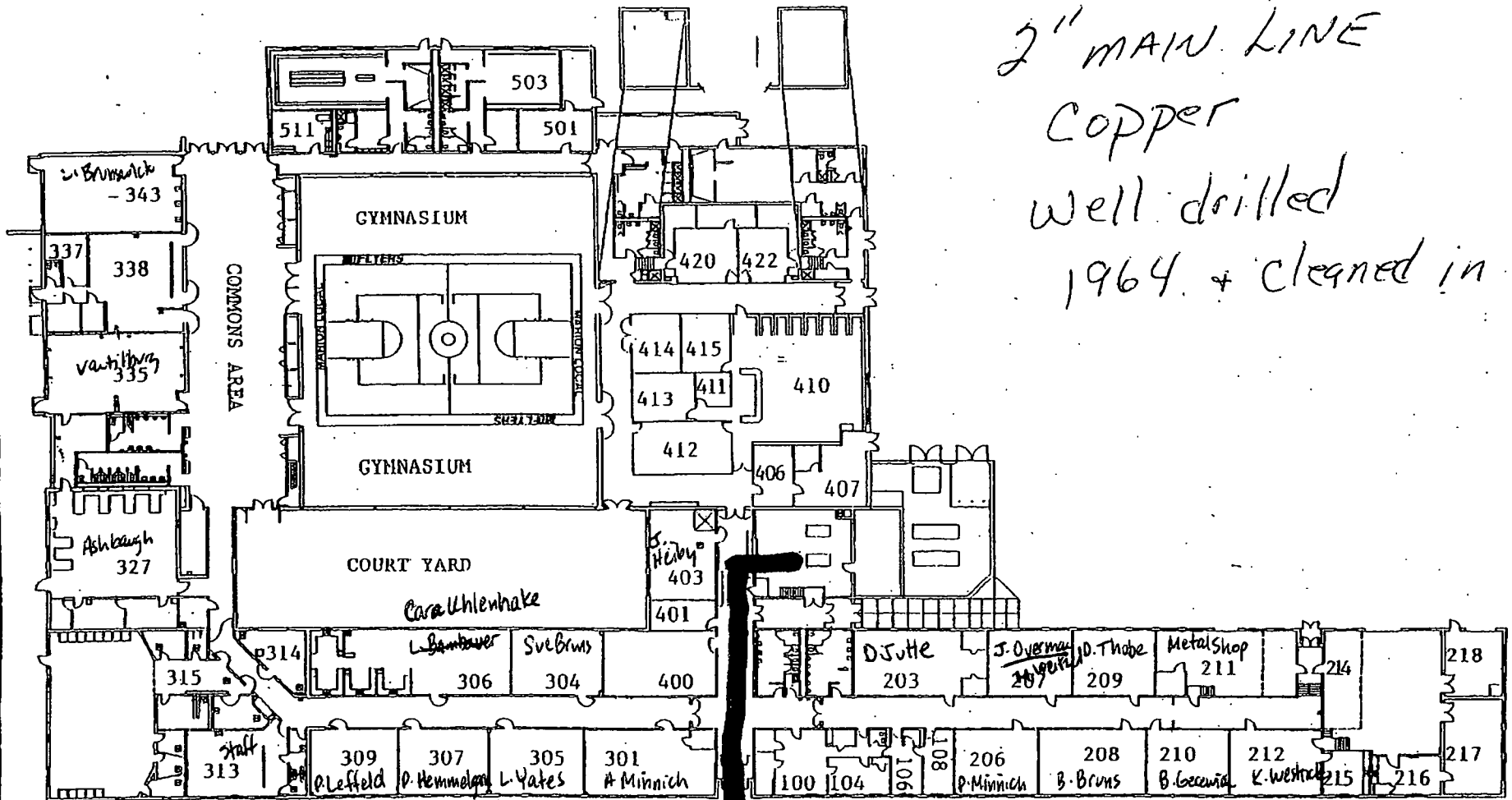
Marion Local High School WEST

Copper

2" MAIN LINE
Copper
well drilled
1964. + cleaned in

SOUTH

NORTH



Well 2" Copper line

ST R 716

EXHIBIT:	1
COMM. NO.	0940
DATE:	AUGUST 10, 2002

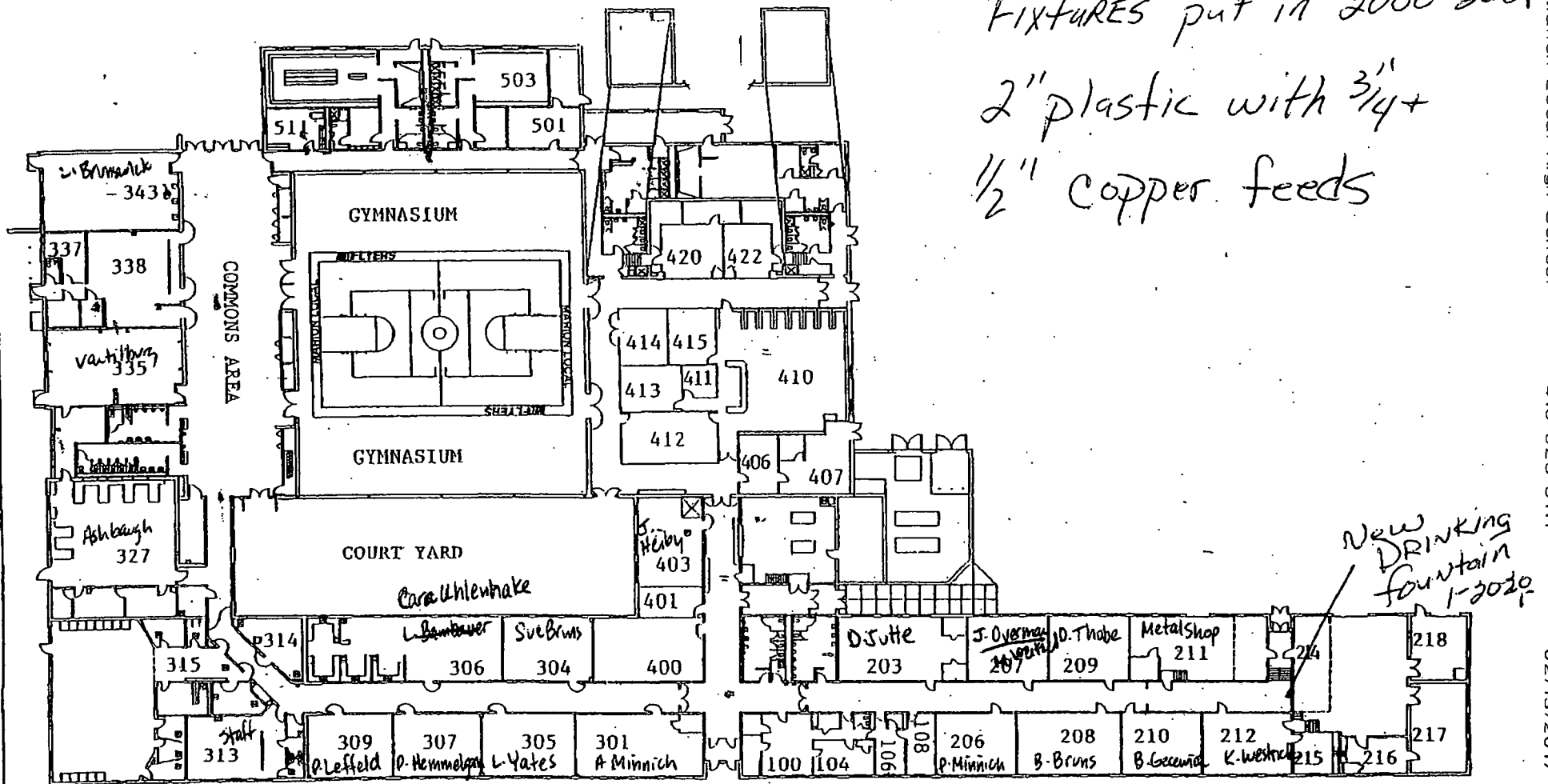
MARION LOCAL HIGH SCHOOL MARION LOCAL SCHOOLS	
STATE ROUTE 716	MARIA STEIN, OHIO

MILLER ARCHITECTS ENGINEERS 11100 10th Ave. S.E. Kent, OH 44240 440.893.4400 440.893.4400 FAX	GARMANN
---	-------------

EAST

MARION LOCAL High School

Fixtures put in 2000-2001
2" plastic with 3/4"
1/2" copper feeds



New DRINKING fountain 1-2020

EXHIBIT:

1

COMM. NO.

0048

DATE:

AUGUST 10, 2002

MARION LOCAL HIGH SCHOOL

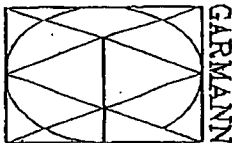
MARION LOCAL SCHOOLS

STATE ROUTE 718

MARIA STECH, OHIO

60 South Lincoln Street
P.O. Box 1000
Marion, OH 44645
419.653.4444
419.653.4444 FAX

MILLER
ENGINEERS
ARCHITECTS



MARION LOCAL HIGH School

LC201 Kitchen Sink
 LC202 Restroom Sink
 LC203 Shop drink f.
 LC204 BAND DRINK f.
 LC205 Locker Room Drink f

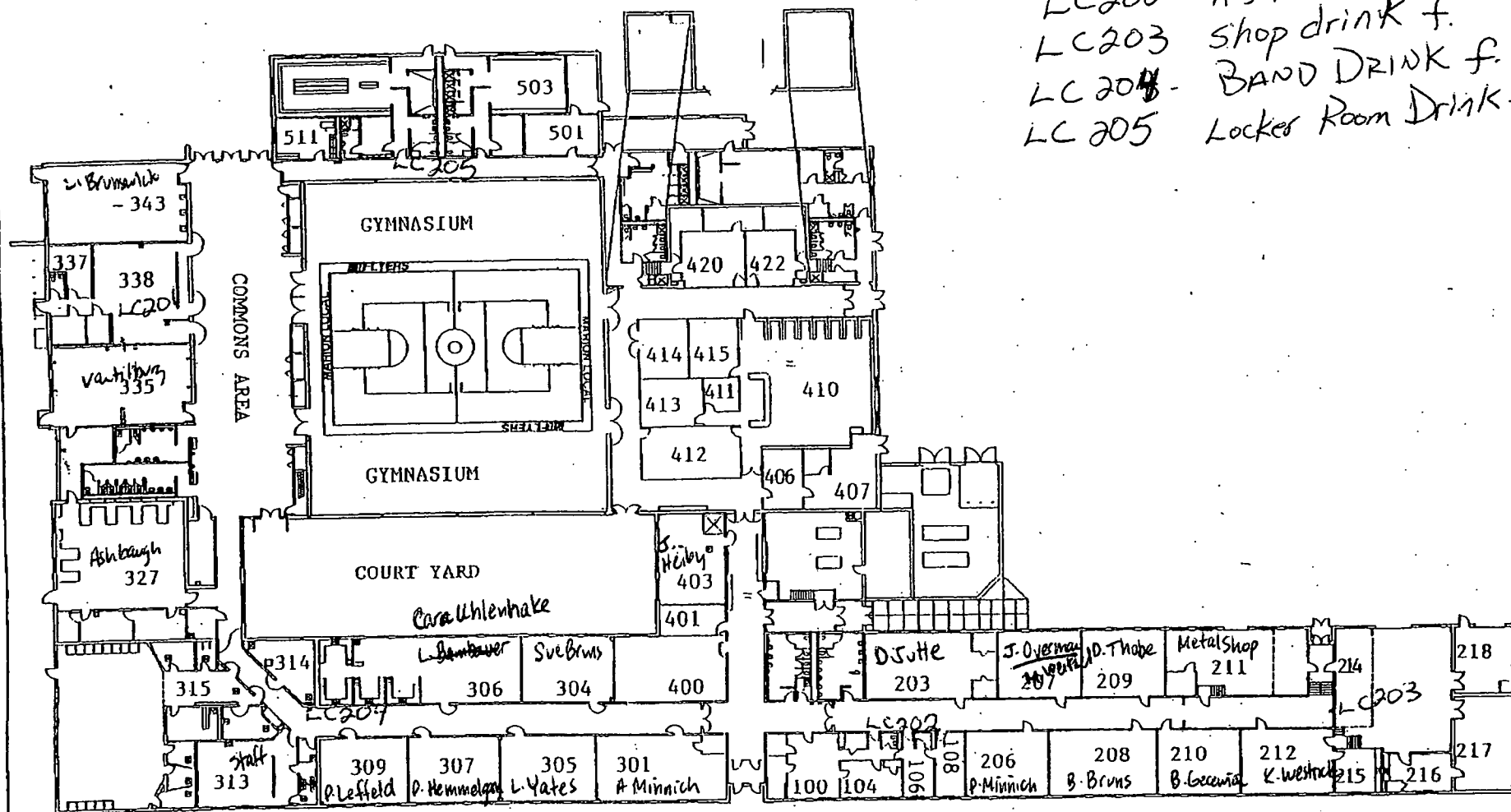


EXHIBIT:

1

COMM. NO.

0948

DATE:

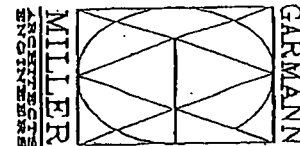
AUGUST 19, 2002

MARION LOCAL HIGH SCHOOL

MARION LOCAL SCHOOLS

STATE ROUTE 716

MARIA STEIN, OHIO



30 South Lincoln Street
 Marion, OH 43040
 419 438 4840
 419 438 4840 FAX

MARION
LOCAL
HIGH School

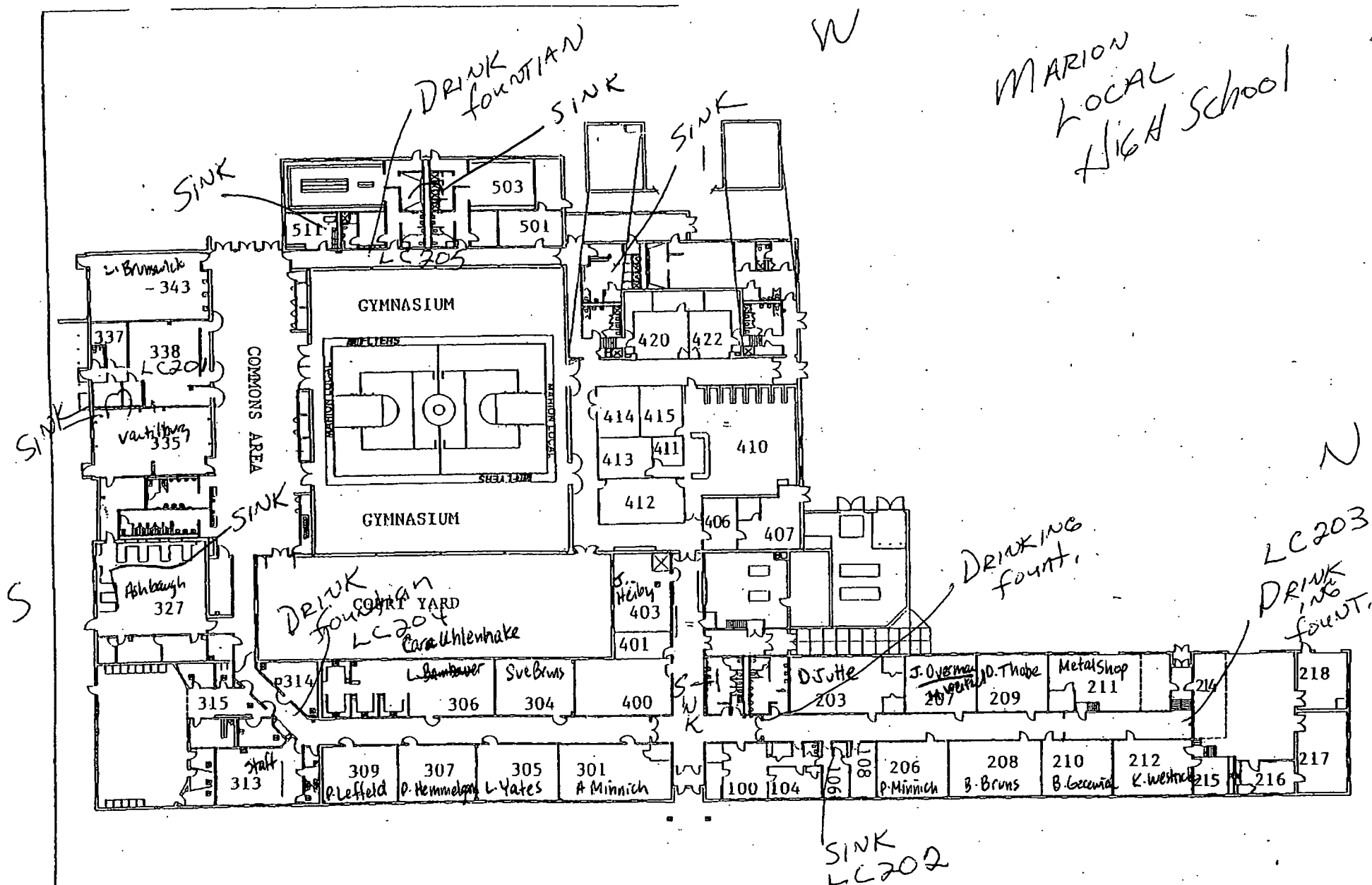


EXHIBIT:	1	MARION LOCAL HIGH SCHOOL MARION LOCAL SCHOOLS STATE ROUTE 716 MARIA STEIN, OREGO		35 South Lincoln Drive Portland, OR 97205 418 625 4244 418 625 4245	MILLER INVESTIGATIONS ENCLOSURES  GARMANN
COMM. NO.	0948				
DATE:	AUGUST 19, 2002				

DNR 7802.96

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

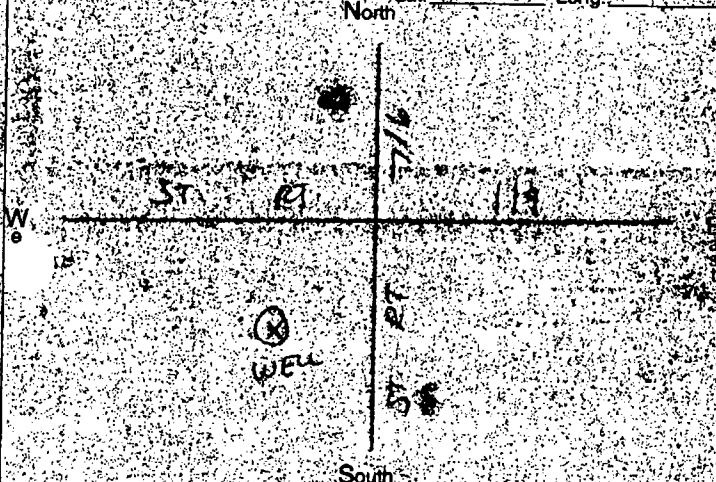
Ohio Department of Natural Resources
Division of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-8739 Fax (614) 447-9503

889123

WELL LOCATION

County MERCER Township MARION
Owner/Builder MARION LOCAL SCHOOL
Address of Well Location 1901 ST. RT. 716
City MARIA STEIN Zip Code 45860
Permit No. Section of No. 27
Location of Well in State Plane coordinates, if available: Use of Well DOMESTIC WATER SUPPLY
N ☒ X ☐ S ☒ Y ☐ ft. or m. ft. or m.
Elevation of Well 1901 ft. or m. ft. or m.
Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source GPS
Source of Coordinates: ☒ GPS ☐ Survey ☐ Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat. _____ Long. _____



WELL TEST

Pre-Pumping Static Level 49 ft. Date 3-3-99
Measured from: ☐ Top of Casing ☒ Ground Level ☐ Other
☒ Air ☐ Bailing ☐ Pumping ☐ Other
Test Rate 100 gpm 100 Duration of Test 1 hrs.
Feet of Drawdown 25 ft. Sustainable Yield 60 gpm
(Attach a copy of the pumping test record, per section 1521.05, ORC)
Is Copy Attached? ☐ Yes ☒ No Flowing Well? ☐ Yes ☒ No
Quality GOOD TASTE NO ODOR

PUMP/PITNESS

Type of pump _____ Capacity _____ gpm
Pump set at _____ ft. Pitless type _____
Pump installed by _____

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm Quinter Well Drilling
Address Box 97
City Burkettsville, Ohio 45310

Signed Quinter K. Quinter Date 3-3-99
ODM Registration Number 64

CONSTRUCTION DETAILS

☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other
BOREHOLE/CASING (measured from ground surface)
1 ☐ Borehole Diameter _____ inches Depth 242 ft.
Casing Diameter 2 1/2 in. Length _____ ft. Thickness 3/16 in.
2 ☐ Borehole Diameter _____ inches Depth _____ ft.
Casing Diameter _____ in. Length _____ ft. Thickness _____ in.
Casing Height Above Ground 12 ft.
Type ☐ Steel ☐ Galv. ☐ PVC ☐ Other
Joints ☐ Threaded ☐ Welded ☒ Solvent ☐ Other

SCREEN
Diameter _____ Slot Size _____ Screen Length _____ ft.
Type _____ Material _____
Set Between _____ ft. and _____ ft.

GRAVEL PACK (if used)
Material Size _____ Volume/Weight Used _____
Method of Installation _____
Depth Placed FROM _____ ft. TO _____ ft.

GROUT
Material HEAVY SAND Volume/Weight Used 1800
Method of Installation 1. 2000 LBS. PRESSURE PUMPED
Depth Placed FROM _____ ft. TO _____ ft.

DRILLING LOG

INDICATE DEPTHS AT WHICH WATER IS ENCOUNTERED		From	To
Show color, texture, hardness and formation (sandstone, shale, limestone, gravel, clay, sand, etc.)			
CLAY	YELLOW	0	24
CLAY	GRAY	24	88
LIME SHALE	YELLOW	88	94
LIME SHALE		94	131
LIME	LIGHT GRAY	131	242

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling
ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLUMBUS, OHIO 43224-9971
Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

Frost & Co., Inc. wishes to submit these shop drawings for approval by the Architect/Engineer

Date: **February 1, 2001**

Submitted by:

Jim Walls

Project Name: Marion Local Schools

Project Number: 9945 & 9946

Specification Section: **15400-20 , 15400-22 , 15400-28**

Submittal Number: 1

ITEMS SUBMITTED

Plumbing Pipe & Fittings , Acid Waste Pipe & Fittings

15400-20 Piping

15400-22 Pipe Fittings

15400-28 Acid Waste Piping Sysyem

SHOP DRAWING REVIEW	
Project Name	Marion Local Schools
Project Number	9945 & 9946
Specification Section	15400-20 , 15400-22 , 15400-28
Submittal Number	1
Submitted by	Jim Walls
Date	2-1-01
Reviewed by	[Signature]
Date	2-22



9 Broadway St. • Wapakoneta, OH 45895
 P: (419) 738-9625 • F: (419) 738-8881 • www.frost-co.com
 EOE Employer

ROUTING OF SUBMITTALS AND SHOP DRAWINGS

Project Title and Location:		Marion Local Schools		Submittal No: 1	
Specification Section: 15400-20-22-28		Drawing No.:		Description of Items: Plumbing Pipe & Fittings , Acid Waste Pipe & Fittings	
To: Turner/MEGEN Construction Company 1901 St. Rt. 716 Maria Stein, Ohio 45860 (419)-925-6502 Fax: (419)-925-7102		From: Frost & Co. Inc. 9 Broadway St Wapakoneta ,Ohio 45895 (419) 738-9625 Fax:(419) 738-8881		Date: 2-08-01	
1					
Comments:					
No. of Enclosures:		6		Typed Name and Title: Jim Walls Project Manager	
				Signature: <i>[Signature]</i>	
To: Garmann/Miller & Associates, Inc. 38 S. Lincoln Dr. P.O. Box 71 Minster, Ohio 45865 (419)628-4240 Fax: (419)628-4299		From: Turner/MEGEN Construction Company 1901 St. Rt. 716 Maria Stein, Ohio 45860 (419)-925-6502 Fax: (419)-925-7102		Date: 2-9-01	
2					
Comments:					
No. of Enclosures:				Typed Name and Title:	
				Signature: <i>[Signature]</i>	
To: Turner/MEGEN Construction Company 1901 St. Rt. 716 Maria Stein, Ohio 45860 (419)-925-6502 Fax: (419)-925-7102		From: Garmann/Miller & Associates, Inc. 38 S. Lincoln Dr. P.O. Box 71 Minster, Ohio 45865 (419)628-4240 Fax: (419)628-4299		Date:	
3					
Comments:					
No. of Enclosures:				Typed Name and Title:	
				Signature:	
To:		From: Turner/MEGEN Construction Company 1901 St. Rt. 716 Maria Stein, Ohio 45860 (419)-925-6502 Fax: (419)-925-7102		Date: 2-22-01	
4					
Comments:					
No. of Enclosures:				Typed Name and Title:	
				Signature: <i>[Signature]</i>	

Roofing

Sheet Metal

Mechanical Contractor

1940