



# City of Napoleon, Ohio

## Engineering Department

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

Chad E. Lulfs, P.E., P.S., Director of Public Works

Telephone: (419) 592-4010 Fax: (419) 599-8393

www.napoleonohio.com

### 447 & 449 Appian Avenue Sewer Work

#### June 2, 2014 – Tressler Plumbing

Foreman	Doug Tressler	8:30am-12:00pm
Mini Excavator	Ryan Tressler	8:30am-3:00pm
Jet Truck	Terry Tressler	8:30am-3:00pm
Pumper Truck	Rick	10:45am-11:15am
Laborer	Tom Odom	8:30am-3:00pm

#### Items Completed:

1. Dug around existing 4" vitrified clay cleanout at 447 Appian Avenue and replaced top 18" with pvc with new cap. 4" clay to 4" plastic; flexible coupling used for connection.
2. Cut and excavated a 5'x 5' hole under the carport at 451 Appian Avenue where City sewer locators and Tressler jet truck had found obstructions. Tressler's jet could not get through obstructions.
3. Found 447 Appian's 4" connection to 451 Appian's 6" lateral in this location. Once pipe was punctured existing sewage around 447 Appian's cleanout drained down into the excavation under the carport.
4. Tressler's jet truck could not get past a 5 year old waterline trench in the 6" lateral to provide relief for the sewage backup. This waterline trench is located under the sidewalk along Meekison Street.
5. 12:45pm-1:15pm – City Sewer Department is called in to use their backhoe concrete break on the drive approach along Meekison Street. (Roger Eis and Todd Baldwin)
6. Excavated under city sidewalk along Meekison Street (in Waterline trench) and found that the 6" vitrified clay lateral had been cut off when the City installed the waterline in 2008. (City record drawings indicate no laterals were crossed in this vicinity during the project)
7. 2:00pm-2:30pm – City Sewer Department is called in to use their Vactor truck to remove the sewage sludge flowing into the waterline trench. (Jerry Shaver and Abe Kelner)
8. Area is barricaded and excavations are left open until tomorrow.

#### June 3, 2014 – Tressler Plumbing

Foreman	Terry Tressler	10:15am-10:30am
Mini Excavator	Ryan Tressler	9:30am-2:30pm
Laborer	Tom Odom	9:30am-2:30pm

Laborer	Bruce Tressler	9:30am-2:30pm
Laborer	Adam	9:30am-2:30pm

1. Hauled away excavated concrete and other dirt/debris.
2. Removed old break-in 4" tap on 6" lateral and replaced with pvc pipe and fittings. Connections were all flexible couplings.
3. Filled excavation under carport with #6 stone.
4. Installed a temporary 90 degree trap for 6" lateral under water main until another contractor can replace the remaining lateral to the sewer main in the middle of Meekison Street.
5. Fencing and barrels were left to barricade open excavation under sidewalk on Meekison Street.

June 6, 2014 – Vernon Nagel, Inc.

Foreman	Shane	8:00am-3:30pm
Backhoe	Kevin	8:00am-3:30pm
Laborer	Buzz	8:00am-3:30pm
Laborer	Howie	8:00am-3:30pm
Truck	Finley Hauling	8:00am-3:00pm

1. Set up road closed and road closed ahead signs at Appian Ave. at Meekison St., S. Perry St. at Meekison St. and Fifth St. at Meekison St.
2. Excavated in 451 Appian driveway and proceeded to install new tap.
3. Elevation shots were taken when existing sewer pipes were exposed and was determined the tap could be installed without digging in the roadway as the elevation would allow the tap to cross over the top of the existing 8" water main.
4. Tap was installed as shown in attached drawing. Hole was backfilled with #6 and #304 stone and compacted to the top of the remaining concrete driveway.

June 12, 2014 – Vernon Nagel, Inc.

Foreman	Tom	7:30am-4:00pm
Backhoe & 315c Excav.	Al (replaced by Kevin)	7:30am-Noon
Backhoe	Kevin	7:30am-4:00pm
Laborer	Mike	7:30am-4:00pm
Truck	Johnson	7:30am-3:30pm

1. Cut asphalt and concrete base in Meekison St. for new tap to 447 & 449 Appian Ave.
2. Excavated and cut in a new PVC wye on the 15" sewer main (with flexible couplings).
3. While excavating near the house foundation, another pipe was uncovered so the City Sewer Department was called out to run a camera up the pipe to see where it goes.
4. Unknown pipe turned out to be the tap for both 447 & 449 and the existing cleanout was just an old downspout connection.
5. New sewer lateral was then installed and connected and the existing pipe leading toward 451 Appian was plugged off.
6. See Drawing for more information.

June 23, 2014 – Vernon Nagel, Inc.

Foreman	N/A	
Operator	Kevin	7:30am-4:00pm
Laborer	Todd Kruse	7:30am-4:00pm
Laborer	Chad	7:30am-4:00pm

1. Dug out trench stone for 447 & 449 Appian's new tap in Meekison St., curbing and sidewalk.
2. Poured fast set concrete for curb and street concrete base (12-14" thick).
  - a. 4.13 CY used.
3. Dug out trench stone for 451 Appian's tap (also under carport).
4. Poured class C concrete for sidewalk and driveway (sidewalk was 4" thick and driveway was 6" thick).
  - a. 21.7 SY used.
5. 1 ½"-2" Asphalt surface was placed in Meekison St. after a brief but heavy rain in the mid-afternoon. No tack was used and the trench was swept and blown dry by leaf blowers.
  - a. 11.39 SY used.

June 24, 2014 – Vernon Nagel, Inc.

1. Sealed joints around asphalt patch and also where asphalt was cut for 451 Appian's tap that was not excavated.
2. Cut joints in concrete driveway.

TAM FOR 447 APPIAN JUNE 2, 2014

TRESSLERS

START 8:30AM	END 3PM	DOUG	8:30AM-NOON
MINI EXCAVATOR		TERRY	8:30AM-3PM
Jet		RYAN	8:30AM-3PM
TANK PUMPER		TOM O.	8:30AM-3PM
		RICK	10:45-11:15AM

1. DUG AROUND CLEANOUT & INSTALLED RISER - 1.5' 4" PVC & CAP w/FRANCO
2. CUT & DUG IN CONCRETE UNDER CARPORT @ 451 APPIAN. FOUND SOME CONNECTION ISSUE BUT NO RELIEF ON SEWAGE.
3. USED JET ON 6" LATERAL COULD ONLY GET TO WATERLINE TRENCH UNDER STU ON MECKISON. USED TRESSLER PUMPER TO SUCK OUT HOLE.
4. CUT & USED CITY'S CONCRETE BREAK ON BACKHOE (12:45-1:15 PM) <sup>ROGER & TODD B.</sup>
5. FOUND SEWAGE LEACHING INTO W/L TRENCH STONE.
6. USED CITY'S VACTOR TRUCK TO SUCK OUT HOLE. (2:00- )
7. CITY WATER MAIN INSTALLED IN 2008 CUT THROUGH SANITARY SERVICE. NO NOTES ON WATERLINE PLANS FOR LATERAL CROSSINGS.
8. TRESSLER WILL INSTALL TEMP. TRAP UNDER W/L UNTIL CITY CAN REDO TAP TO MAIN.

JUNE 3, 2014

START 9:30AM-2:30PM

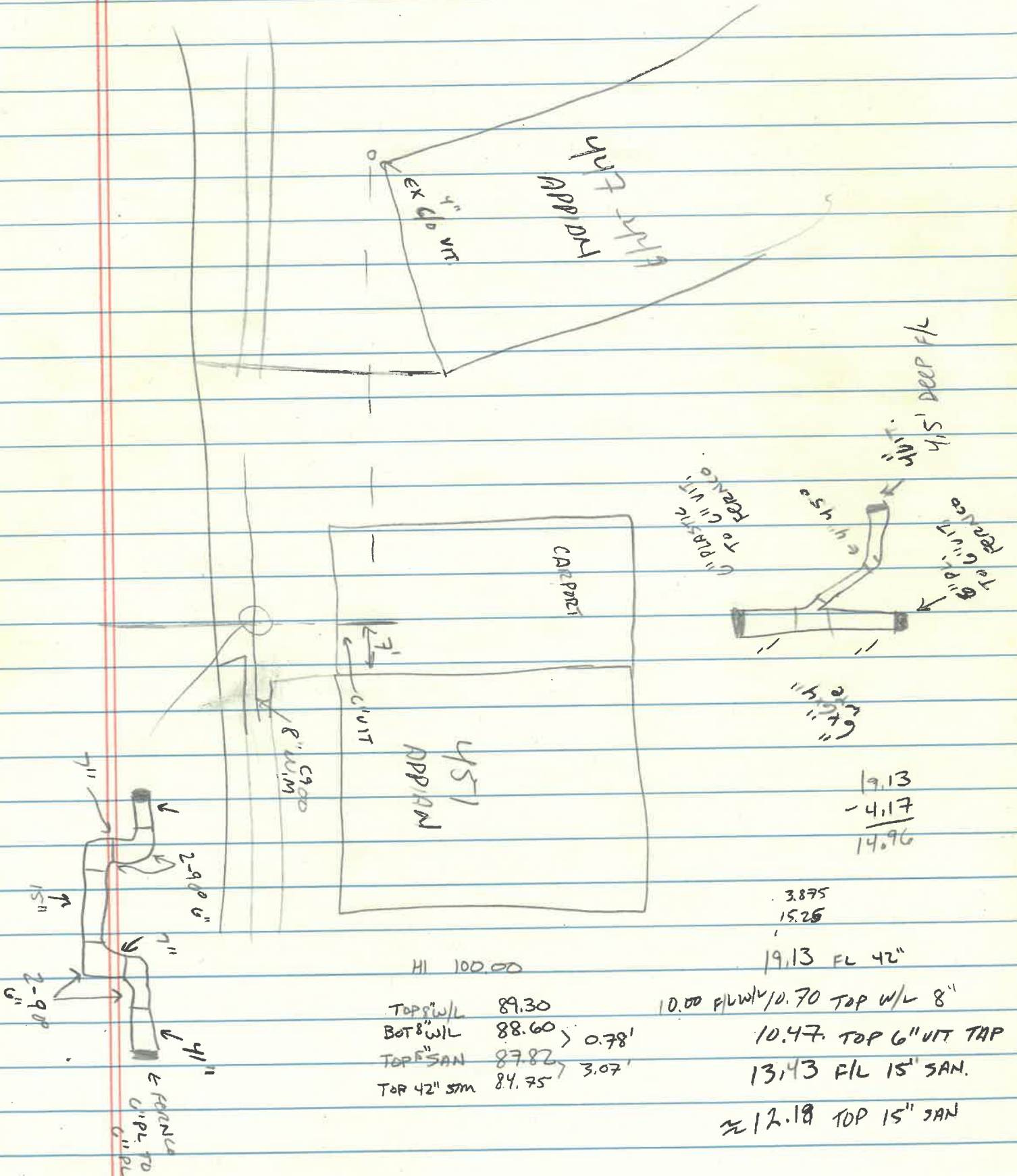
MINI EXCAVATOR  
SKIP STEER

TERRY	10:15AM-10:30AM
BRODIE	10:15AM-2:30PM
TOM O.	9:30AM-2:30PM
ADAM	9:30AM-2:30PM
RYAN	9:30AM-2:30PM

1. HAUL AWAY CONCRETE & DIRT, REMOVE OLD TEE UNDER CARPORT. RYAN TO GET STONE

2. INSTALL TEMP 90°-90°-90°-90° TRAP

6-2-14



HI	100.00	
TOP 8" W/L	89.30	
BOT 8" W/L	88.60	> 0.78'
TOP 6" SAN	87.82	3.07'
TOP 42" SAN	84.75	

3.875  
 15.25  
 19.13 FL 42"  
 10.00 FL W/L 0.70 TOP W/L 8"  
 10.47. TOP 6" UIT TAP  
 13.43 FL 15" SAN.  
 ≈ 12.18 TOP 15" SAN

19.13  
 - 4.17  
 14.96



DATE: 6-2-14, 6-3-14

INSTALLED BY: TRESSLER PLUMBING  
INSPECTED BY: MARTY CROSSLAND



447

449

8" W.M. (P.V.C.)

MEEKISON STREET

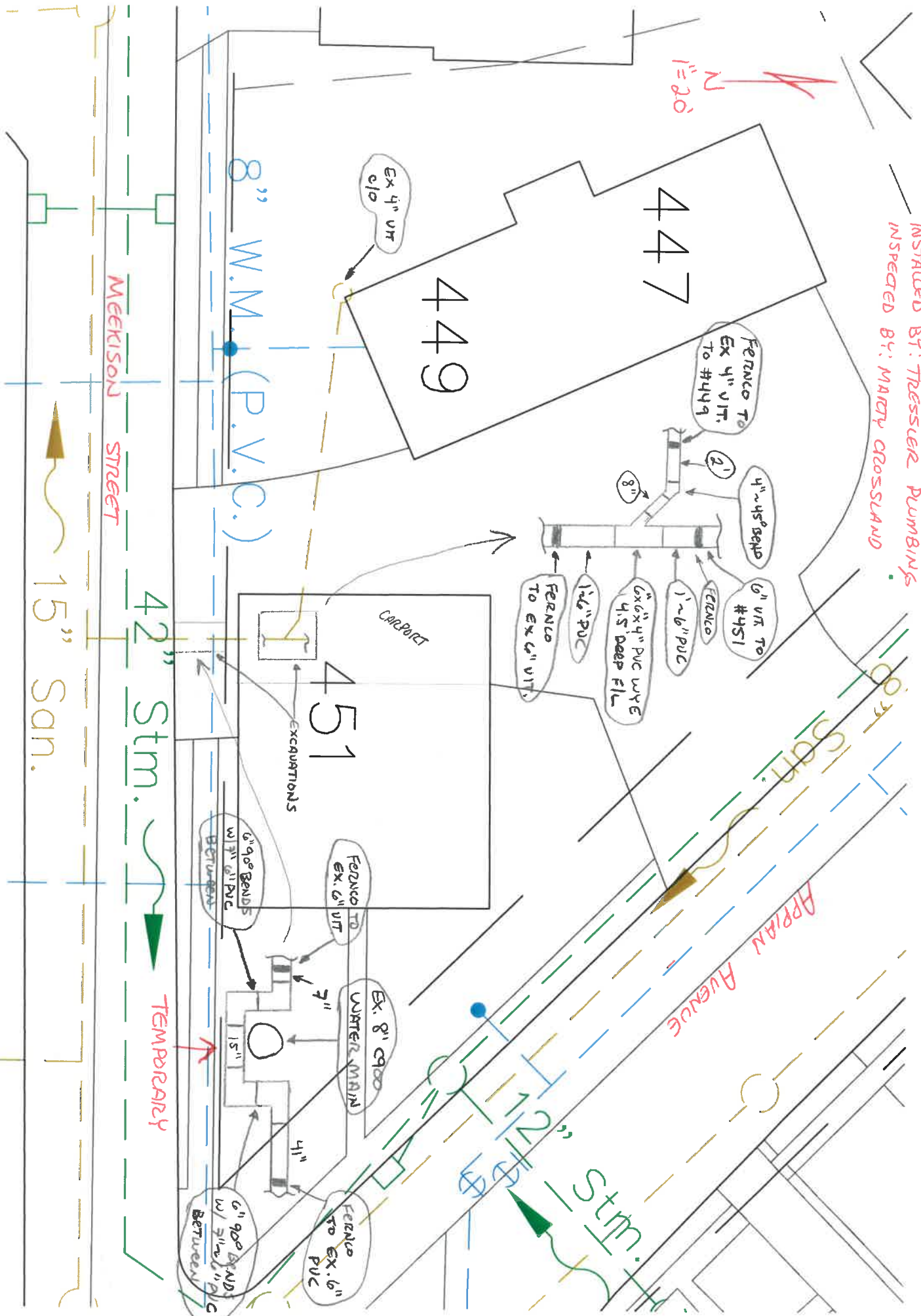
42" Stm.

15" San.

TEMPORARY

42" Stm.

APPRAVAL AVENUE



FRIDAY JUNE 6, 2014  
451 ~~THE~~ APPIAN Ave.

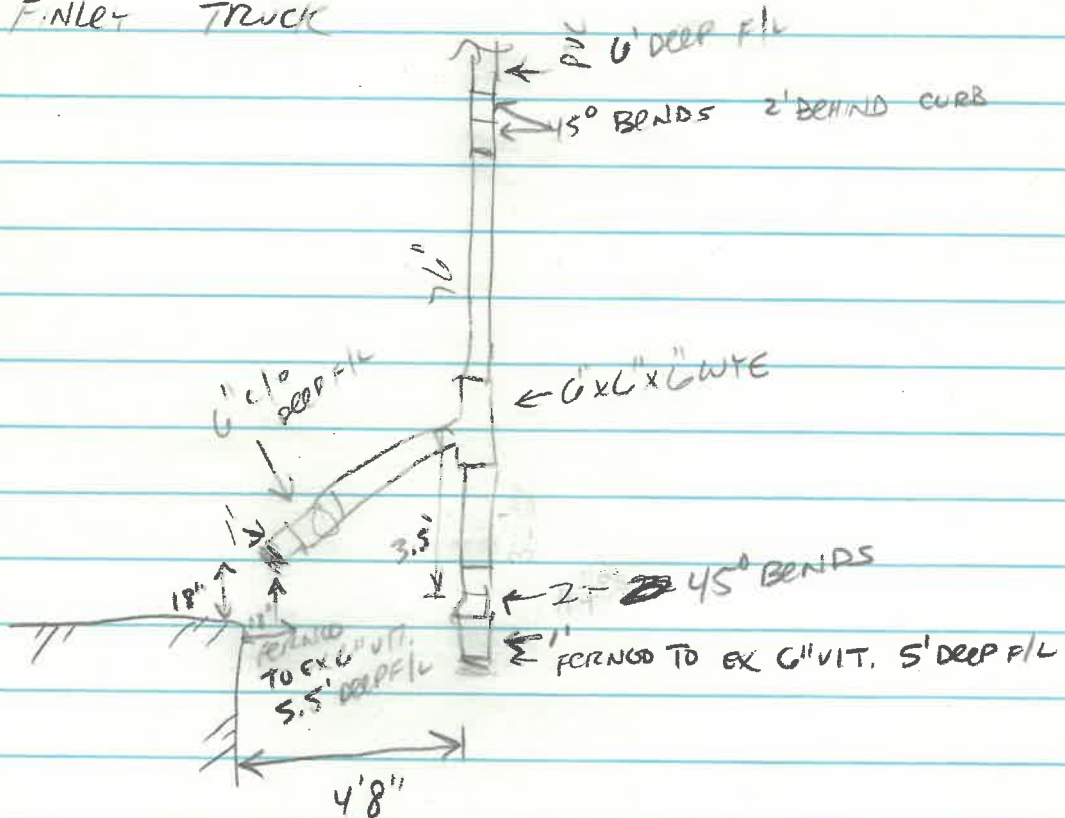
VERNON NASEL

TOP W/L -12.12  
F/L 6" ST. -11.60  
F/L 6" CORR -11.92

8:00 AM -

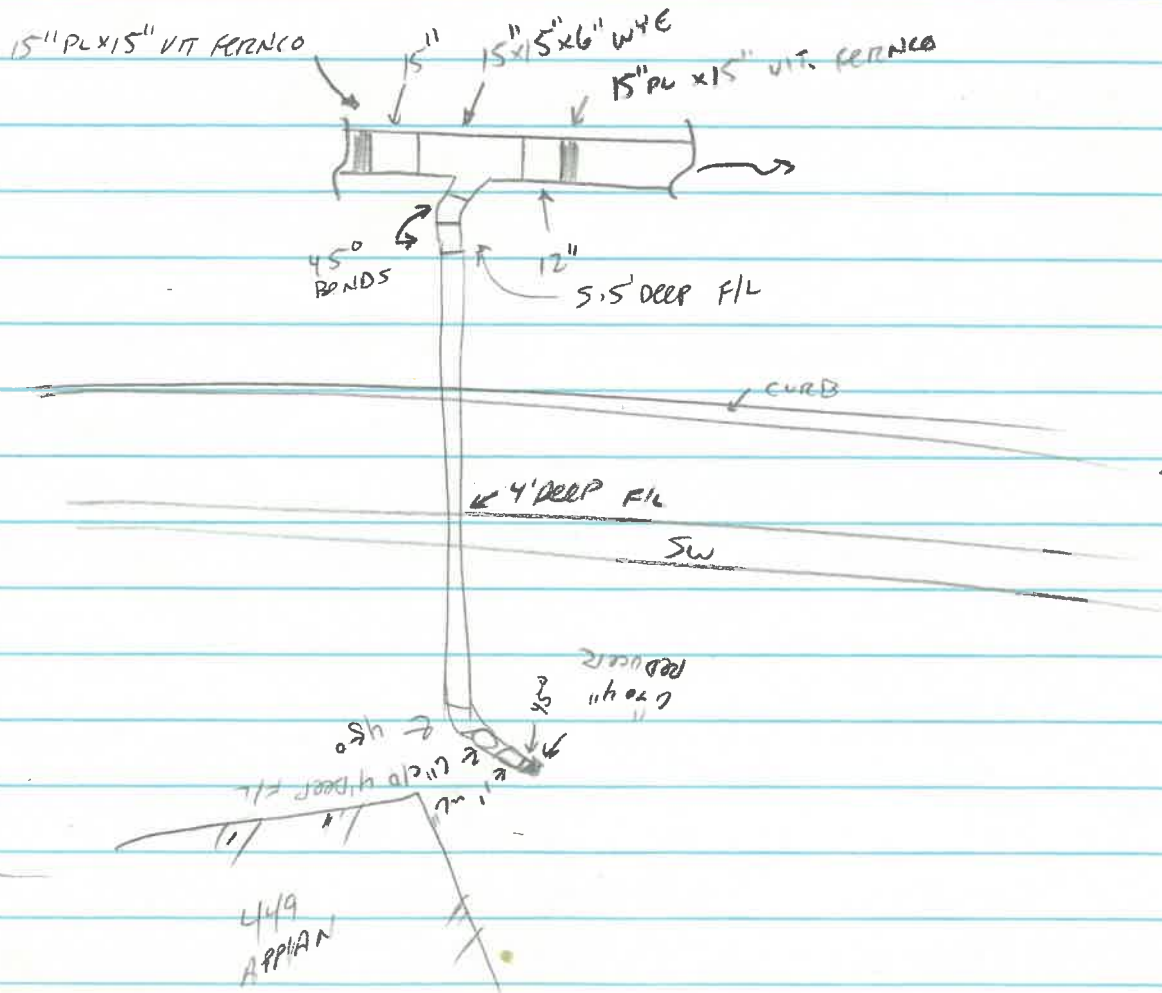
1. BARRICADED STREET @ APPIAN + 5TH, ROAD CLOSED AHEAD @ S. PERRY.
2. EXCAVATE DRIVE APPROACH & STREET.

SHANE FOREMAN  
BUZZ LABORER  
KEVIN STOCK OPERATOR 315C EXCAVATOR  
HOWIE LABORER  
1 - FINLEY TRUCK

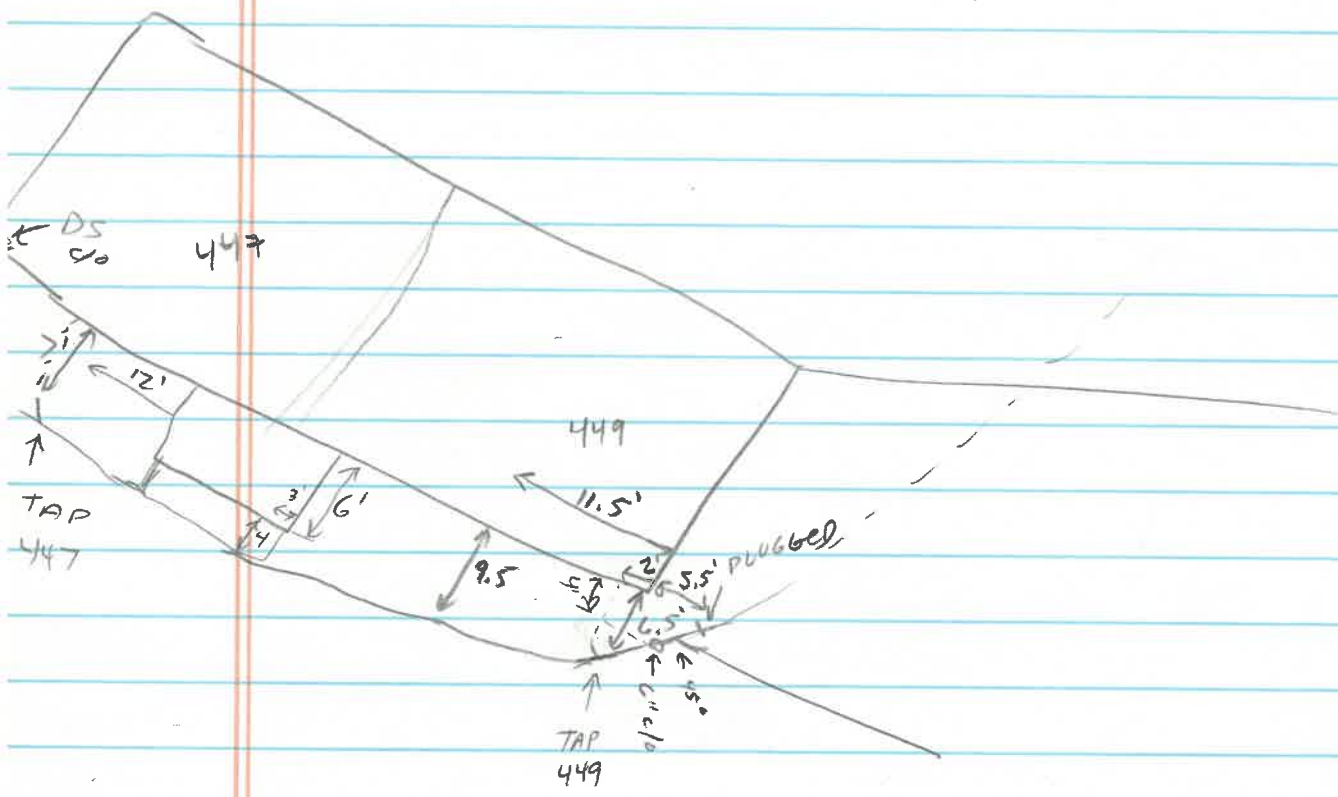


THURSDAY JUNE 12 449 APPIAN SEWER  
 VERNON NAGEL

- 1 FOREMAN TOM 7:30AM - 4:00PM
- 1 315c EXCAVATOR & OPERATOR AL
- 1 BACKHOE & OPERATOR KEVIN JERRY & ABE: CALLED NOON
- 1 LABORER MIKE SHOWED UP 12:30 - 1:15PM
- 1 TRUCK JOHNSON CAMERA LATERAL







MECKISON 4 APP. AM 6/23/14

7:30 AM - 4 PM

TOD KRUSE - LABORER

KEVIN - OPERATOR

CHAD - LABORER

8:30 AM ~~PAUSE~~ EXCAVATED & POURED F5 CONCRETE IN ROADWAY

~~3-10-12~~ 12-14" THICK (SEE TICKET)

11.5' x 4' = 46    12' x 3.5' = 42    2.5' x 3' = 7.5    95.5 SF x 1.16 = ~~111.42 CF/27~~

~~111.42~~ 41.3 CF

4" SIDEWALK

4' x 4'

CARPORT 6"

6' x 6.5' 4.33 SF

CURB

3.5', 4'

7.5 SF

DRIVEWAY 6"

8'4" x 7' = 58.31    8" x 3.5' = 28    9' x 6' = 54    140 SF / 9 = 15.60 SF

ASPHALT SURFACE 1 1/2" - 2"

12.5' x 4' = 50    12' x 3.5' = 42    2.5' x 3' = 7.5    3' x 1' = 3    102.5 SF / 9 = 11.39 SF

PLACED ASPHALT AFTER BRIEF HEAVY RAIN - NO TACK

SWEEP OUT WATER + BLEW DRY W/ LEAF BLOWER

WILL SEAL JOINTS WHEN FULLY DRY

321 FILLMORE 5 MILE

840 HOBSON

PEARL

W. MAUMEE (E. OF FIRST ST) PEARL

4 EVERGREENS E. OF HOBSON'S DRIVE

12-13 EVERGREENS W. OF DRIVE



**Redi-Mix, Inc.**



READY MIXED CONCRETE • AGGREGATE  
SUPPLIES • CUSTOM TRUCKING  
1 - (800) 786-6325

521 Commercial Street  
Pettisville, OH 43553  
PH: (419) 445-7771

5601 Cherry Street  
Stony Ridge, OH 43483  
PH: (800) 786-6325

MAILING ADDRESS  
BOX 53038  
PETTISVILLE, OHIO 43553

County Road 1-C  
McClure, OH 43534  
PH: (419) 748-8442

**CAUTION** **TERMS AND CONDITIONS**

May cause eye or skin injury. Contains Portland cement. Freshly mixed cement, mortar, concrete, or grout may cause skin injury.

This load of concrete is produced in accordance with the A.S.T.M. standard specifications for Redi-Mix concrete.

**TAKE THESE PRECAUTIONS:**

1. Avoid all contact with eyes.
2. Wear rubber boots and gloves, and avoid prolonged contact directly with skin or through porous materials.
3. In case of contact with skin or eyes. **FLUSH THOROUGHLY WITH WATER.**
4. If irritation persists, get medical attention promptly.
5. Keep children away.

We do not guarantee finished results obtained from this load of concrete, as many important factors affecting the ultimate quality of the completed job are out of our control.

Excessive water in concrete reduces its final strength. Any water added to the mix on the job will be at the purchaser's risk.

Ready Mix concrete is not returnable for credit. In the event of delivery beyond curb line, this company will not assume liability for damage to curbs, sidewalks, driveways or other personal property.

Estimated delivery schedules will be maintained to the best of our ability. We will not consider any claims for damages for failure to do so.

Customer will be allowed 6 minutes per yard unloading time. Overtime price will apply to any additional time.

LEAVE PLANT	ARRIVE JOB	START POUR
FINISH POUR	LEAVE JOB	ARRIVE PLANT

Water added: \_\_\_\_\_ Gallons  
Customer's representative \_\_\_\_\_

CUSTOMER ID		P.O. NUMBER		ZONE		JOB NUMBER		TIME		DATE		TICKET	
185002								8:22 AM		6/23/14		51623	
SOLD TO						DELIVER TO							
VERN NAGEL						MEEKISON ST NAPOLEON							
QUANTITY THIS LOAD	QUANTITY ORDERED	QUANTITY DELIVERED	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE						
4.75	4.50	4.75	67FS	JMF#C100790 CLASS FS	yd								
TRUCK	PLANT	SLUMP	DUE AT JOB	USE OF CONCRETE	SUB-TOTAL								
CALCIUM	AIR ENTRAIN	SUPER PLAS.	ACCELERATOR	TAX									
SCOTT	PVILLE	4.00		TOTAL									

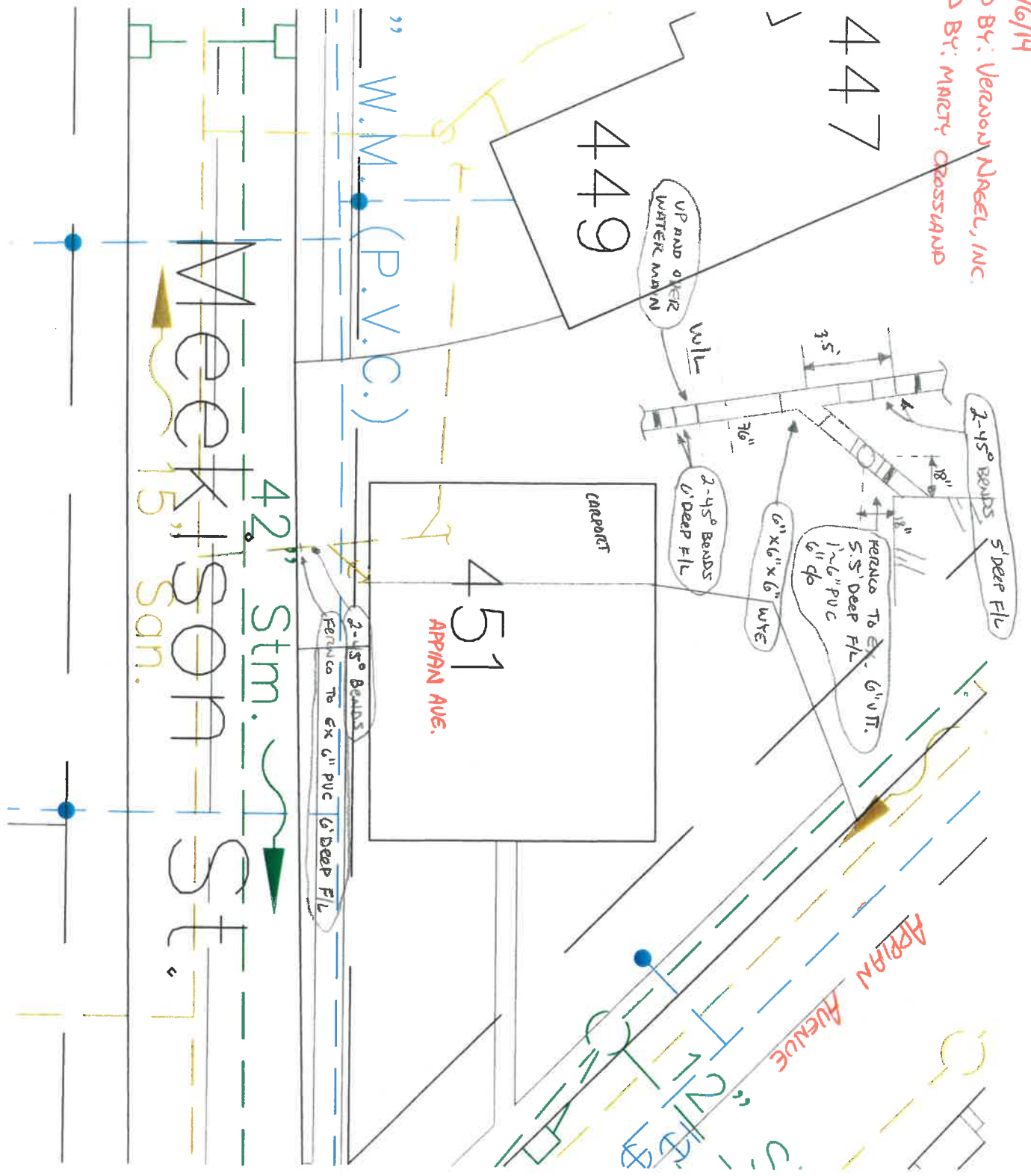
DELIVERY INSTRUCTIONS

SPECIAL INSTRUCTIONS

TEAR HERE

Truck	Driver	User	Disp Ticket Num	Ticket ID	Time	Date
81	SCOTT	user		51623	8:22	6/23/14
Load Size	Mix Code	Returned	Qty	Mix Age	Seq	Load ID
4.75 yd	67FS				D	56632
Material	Design Qty	Required	Batched	% Var	Moisture	Actual Mat
57-CNST	1470 lb	7018 lb	6960 lb	-0.82%	0.50% M	4 g/l
BNS-HSO	990 lb	4883 lb	4840 lb	-0.88%	3.70% M	21 g/l
LAF-TYP1	900 lb	4275 lb	4280 lb	0.12%		
ADD-CONAIR	2.20 /C	85.50 oz	85.00 oz	-0.58%		
Water #1	39.0 gal	124.6 gal	125.0 gal	0.29%		125.0 g/l
Actual	Num Batches	2				
Load Total: 17100 lb	Design W/C: 0.362	Water/Cement: 0.361 T	Design Water: 185.3 g/l	Actual Water: 150.5 g/l	To Add: 4.6 g/l	
Slump: 4.00 in	Adjust Water: 0.0 g/l	Load Trim Water: -1.0 g/l	yd			

DATE: 6/6/14  
INSTALLED BY: VERNON MUEGL, INC.  
INSPECTED BY: MARY CROSSLAND



447

449

451  
APPRIAN AVE.

W.M. (P.V.C.)

MECKISON ST.

APPRIAN AVENUE

UP AND OVER  
WATER MAIN

W/L

2-45° BENDS  
6" DEEP FIL

6" X 6" X 6" WYE

RENDS TO EX. 6" V.P.I.  
S.S. DEEP FIL  
1-6" PVC  
6" DP

2-45° BENDS  
5' DEEP FIL

2-45° BENDS  
RENDS TO EX 6" PVC  
6" DEEP FIL

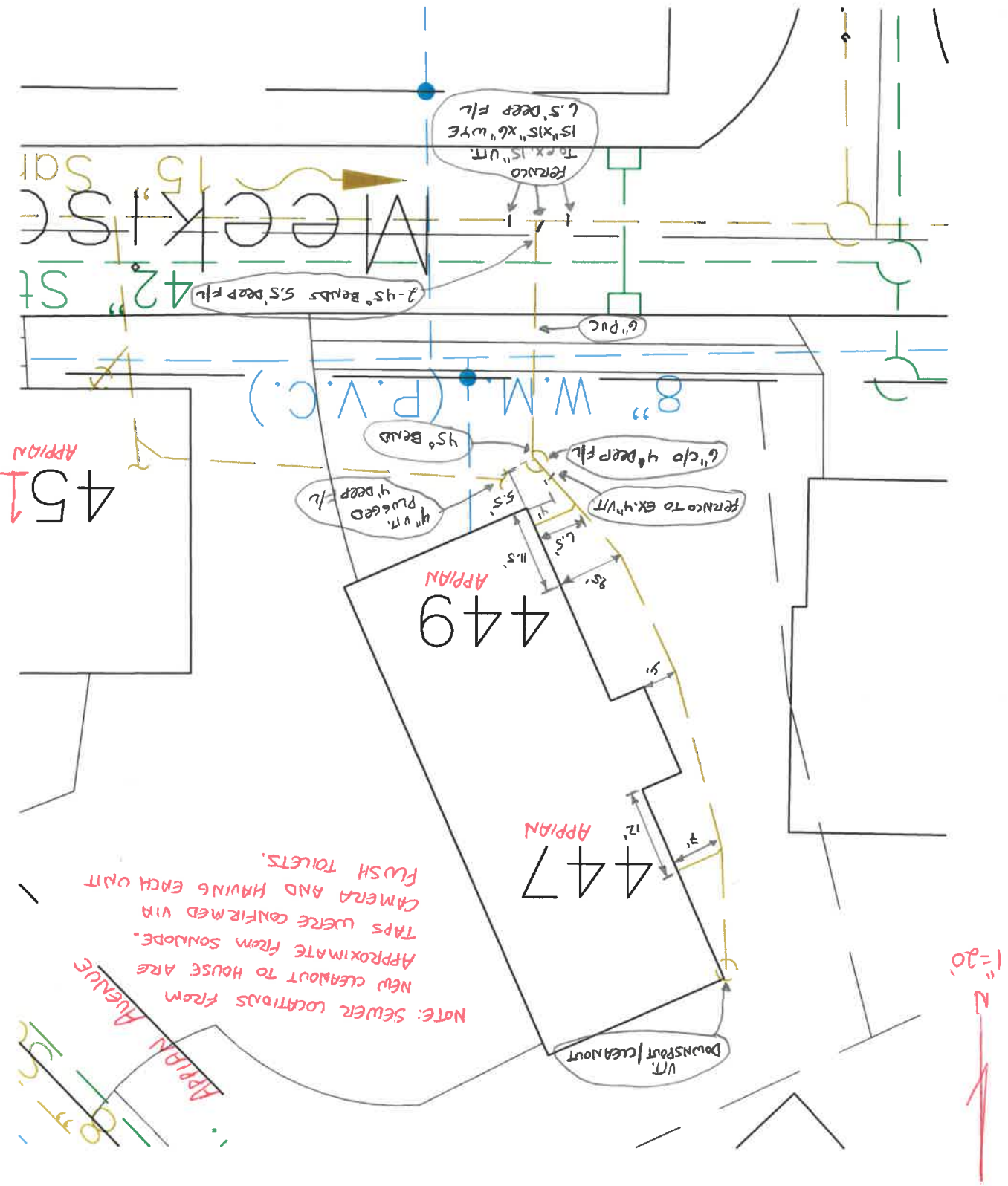
42" Stm.

15' Sdn.

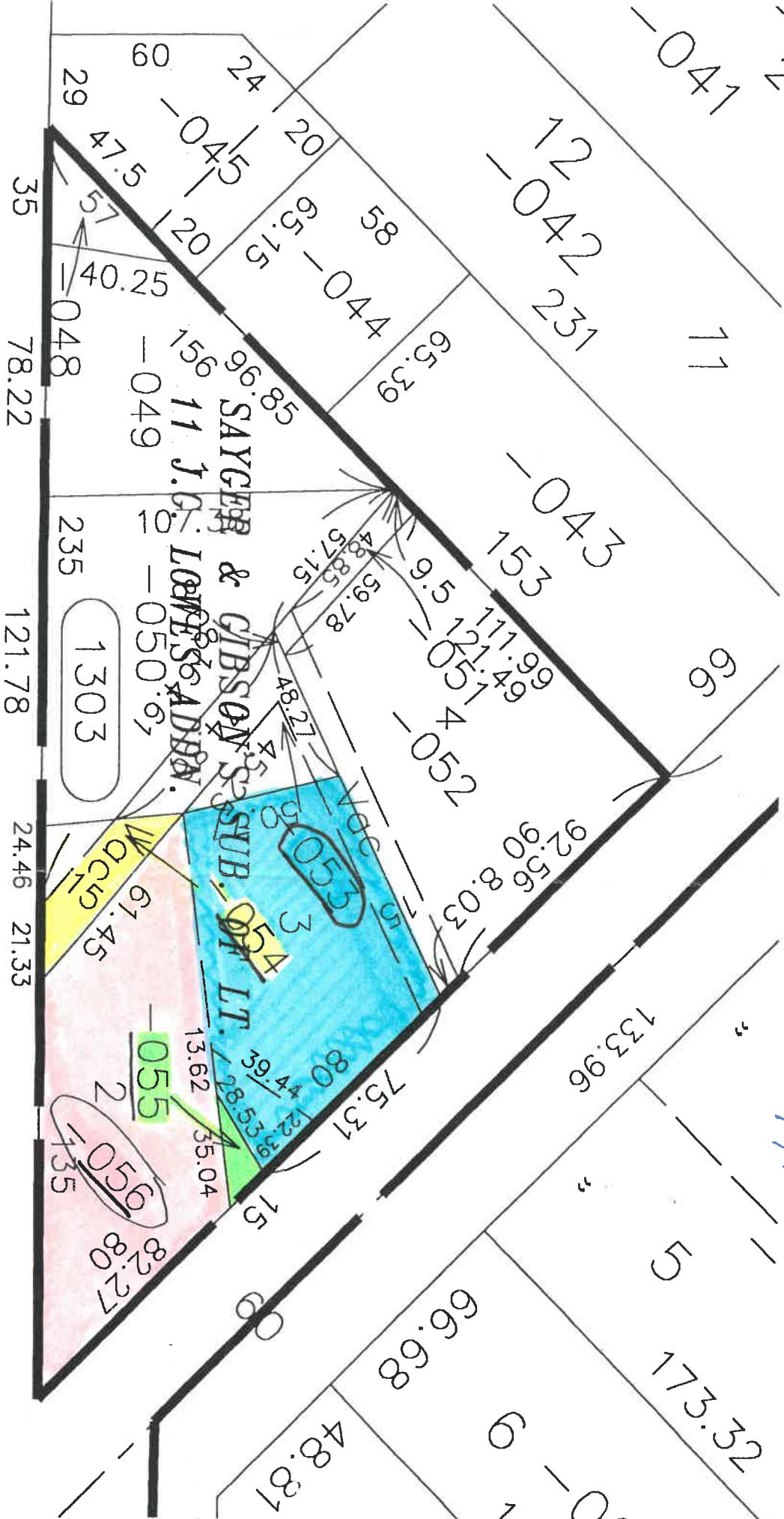


DATE: 6/12/14

INSTALLED BY: VERANO ANGEL, INC  
INSPECTED BY: MARTY CROSSLAND



Plummer  
 Real Estate  
 449 Appian Ave.



124.5  
 40