

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

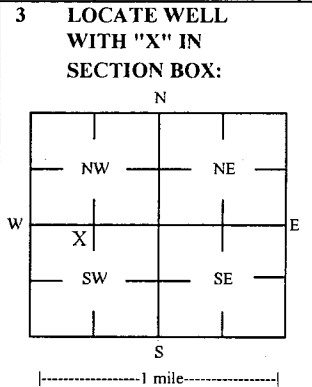
Well ID

MW2

[X] Original Record [ ] Correction [ ] Change in Well Ust

1 LOCATION OF WATER WELL: County Wyandotte Fraction SE 1/4 NE 1/4 NW 1/4 SW 1/4 Section Number 27 Township Number T 11 S Range Number R 24 [X] E [ ] W

2 WELL OWNER: Last Name: Business: The Asphalt Sales Company Address: PO Box 6263 City Kansas City State: KS ZIP: 66106 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 6901 Inland Drive, Kansas City



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 9 ft Depth(s) Groundwater Encountered: 1) \_\_\_\_\_ ft 2) \_\_\_\_\_ ft 3) \_\_\_\_\_ ft, or 4) [ ] Dry Well WELLS STATIC WATER LEVEL: 4.95 ft. [X] below land surface, measured on (mo-day-yr) 3/16/18 [ ] above land surface, measured on (mo-day-yr) \_\_\_\_\_ Pump test data: Well water was \_\_\_\_\_ ft after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm Water well was \_\_\_\_\_ ft after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm Estimated Yield: \_\_\_\_\_ gpm Bore Hole Diameter: 7.25 in to \_\_\_\_\_ ft, and \_\_\_\_\_ in to \_\_\_\_\_ ft

5 Latitude: 39.06461 (decimal degrees) Longitude: 94.73889 (decimal degrees) Horizontal Datum: [ ] WGS 84 [ ] NAD 83 [X] NAD 27 Source for Latitude/Longitude: [ ] GPS (unit make/model: \_\_\_\_\_) (WAAS enabled? [ ] Yes [ ] No) [X] Land Survey [ ] Topographic Map [ ] Online Mapper 6 Elevation: 769.12 ft [ ] Ground Level [X] TOC Source [X] Land Survey [ ] GPS [ ] Topographic Map [ ] Other \_\_\_\_\_

7 WELL WATER TO BE USED AS: 1 Domestic: [ ] Household [ ] Lawn & Garden [ ] Livestock 2 [ ] Irrigation 3 [ ] Feedlot 4 [ ] Industrial 5 [ ] Public Water Supply: well ID \_\_\_\_\_ 6 [ ] Dewatering: how many wells? \_\_\_\_\_ 7 [ ] Aquifer Recharge: well ID \_\_\_\_\_ 8 [X] Monitoring: well ID MW2 9 Environmental Remediation: well ID \_\_\_\_\_ [ ] Air Sparge [ ] Soil Vapor Extractor [ ] Recovery [ ] Injection 10 [ ] Oil Field Water Supply: lease \_\_\_\_\_ 11 Test Hole: well ID \_\_\_\_\_ [ ] Cased [ ] Uncased [ ] Geotechnical 12 Geothermal: How many bores? \_\_\_\_\_ a) Closed Loop [ ] Horizontal [ ] Vertical b) Open Loop [ ] Surface Discharge [ ] Inj. of Water [ ] Other (specify): \_\_\_\_\_

Was a chemical/bacteriological sample submitted to KDHE? [ ] Yes [X] No If yes, date sample was submitted: \_\_\_\_\_ Water well disinfected? [ ] Yes [X] No

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other \_\_\_\_\_ CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded Casing diameter 2 in. to 3 ft, Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft, Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft, Casing height above land surface -0.45 in. Weight \_\_\_\_\_ lbs./ft. Well thickness or gauge No \_\_\_\_\_ TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [ ] Fiberglass [X] PVC [ ] Other (Specify) \_\_\_\_\_ [ ] Brass [ ] Galvanized Steel [ ] Concrete tile [ ] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [ ] Continuous Slot [X] Mill Slot [ ] Gauze Wrapped [ ] Torch Cut [ ] Drilled Holes [ ] Other (Specify) \_\_\_\_\_ [ ] Louvered Shutter [ ] Key Punched [ ] Wire Wrapped [ ] Saw Cut [ ] None (Open Hole) SCREEN-PERFORATED INTERVALS: From 3 ft. to 9 ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft, GRAVEL PACK INTERVALS: From 2 ft. to 9 ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft,

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-1' Grout intervals: From 1 ft. to 2 ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft, From \_\_\_\_\_ ft. to \_\_\_\_\_ ft,

Nearest source of possible contamination: [ ] Septic Tank [ ] Lateral Lines [ ] Pit Privy [ ] Livestock Pens [ ] Insecticide Storage [ ] Sewer Lines [ ] Cess Pool [ ] Sewage Lagoon [X] Fuel Storage [ ] Abandoned Water Well [ ] Watertight Sewer Lines [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well [ ] Other (Specify) \_\_\_\_\_

Direction from well? S Distance from well? ~10 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.3 Asphalt & gravel, 0.3-7 Clayey silt, 7-8.5 Shale, 8.5-9 Limestone

Notes: KDHE ID: The Asphalt Sales Company; A4-105-40483 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [ ] reconstructed, or [ ] plugged under my jurisdiction and was completed on (mo-day-year) 2/22/18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 4/2/18 under the business name of Larsen & Associates, Inc. Signature \_\_\_\_\_

# DENNIS L HANDKE

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TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

Jessica Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas, 66046

March 16, 2018

RE: Monitor Well Elevation Survey  
6901 Inland Drive, Kansas City, Kansas

Proj. 18-00F  
The Asphalt Sales Company  
A4-105-40483

Bench Mark #1: Rail road spike in power pole at NW corner of property. Asphalt plant  
Elev: 765.98      North 3447      West 3993      (from SE Cor. Sec. 27-11-24E)

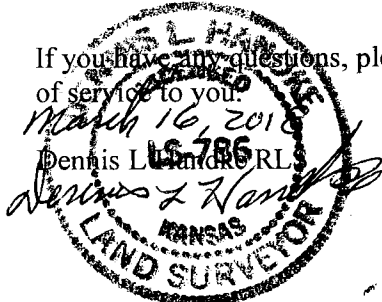
Bench Mark #2: Chisled Sq. on storm sewer basin NE of the building. Concrete plant  
Elev: 768.63      North 2316      West 4314      (from SE Cor. Sec. 27-11-24E)

MW-1	rim	767.86	North	3301	SW1/4,NW1/4,SE1/4,NW1/4
	top pipe	767.58	West	3919	Lat= 39.06768 Long = 94.73768
MW-2	rim	769.57	North	2180	SE1/4,NE1/4,NW1/4,SW1/4
	top pipe	769.12	West	4256	Lat= 39.06461 Long = 94.73889
MW3	rim	764.56	North	3338	SW1/4,NW1/4,SE1/4,NW1/4
	top pipe	764.21	West	3852	Lat= 39.06778 Long = 94.73744
MW-4	rim	769.02	North	3235	NW1/4,SW1/4,SE1/4,NW1/4
	top pipe	768.74	West	3871	Lat= 39.06750 Long = 94.73751
MW-5	rim	765.46	North	3406	SE1/4,NE1/4,SW1/4,NW1/4
	top pipe	765.13	West	4021	Lat= 39.06797 Long = 94.73804
MW-6	rim	764.98	North	3320	SE1/4,NE1/4,SW1/4,NW1/4
	top pipe	764.73	West	4090	Lat= 39.06774 Long = 94.73828
MW-7	rim	764.88	North	3453	SW1/4,NW1/4,SE1/4,NW1/4
	top pipe	764.55	West	3921	Lat= 39.06810 Long = 94.73768
MW-8	rim	769.67	North	2113	SE1/4,NE1/4,NW1/4,SW1/4
	top pipe	769.43	West	4271	Lat= 39.06443 Long = 94.73894
MW-9	rim	769.67	North	2244	SE1/4,NE1/4,NW1/4,SW1/4
	top pipe	769.15	West	4286	Lat= 39.06479 Long = 94.73899

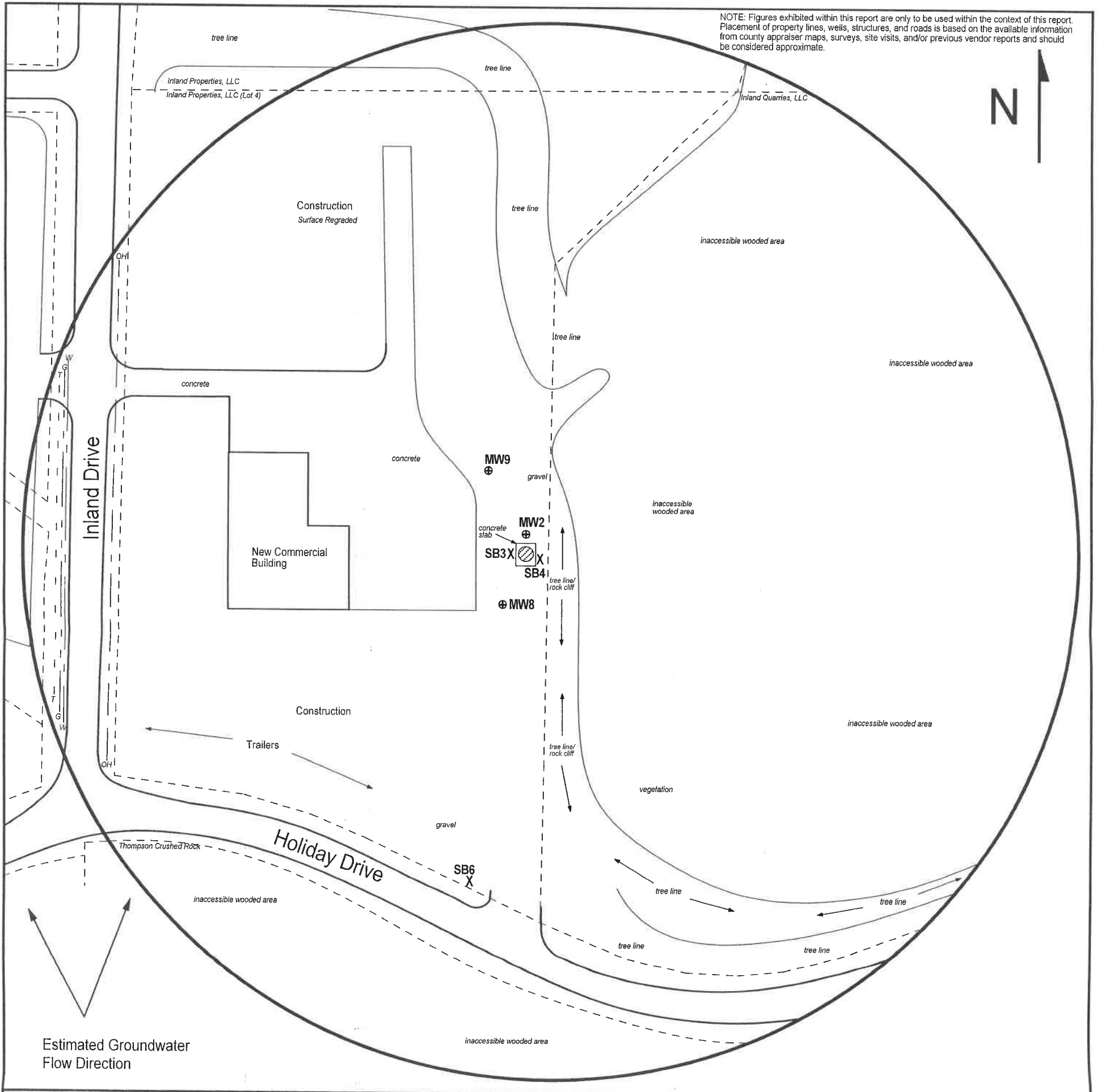
Lat & Long derived existing Shawnee 7.5' quad map. WGS 84.

Elevation established from USGS BM K 259 Reset NAVD 88.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.



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NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

FIGURE 2.2.2 - 500 FT RADIUS AREA BASE MAP (LOT 4)

**LEGEND:**

- Approximate Location of Former AST Basin
- Approximate Location of Property Line
- Monitoring Well (Installed 2/9/18; 2/22/18)
- Soil Boring (Drilled 2/22/18)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

NOTE: SB6 was drilled to collect a hydrologic sample.  
NOTE: Utility depths, heights and locations are approximate.

**larsen**  
& ASSOCIATES, INC.

1311 E 25th St., Suite B (785) 841-8707 office  
Lawrence, KS 66046 (785) 865-4282 fax

**PROJECT:**  
The Asphalt Sales Company  
6901 Inland Drive  
Kansas City, KS  
KDHE ID: A4-105-40483  
Date: 3/16/18



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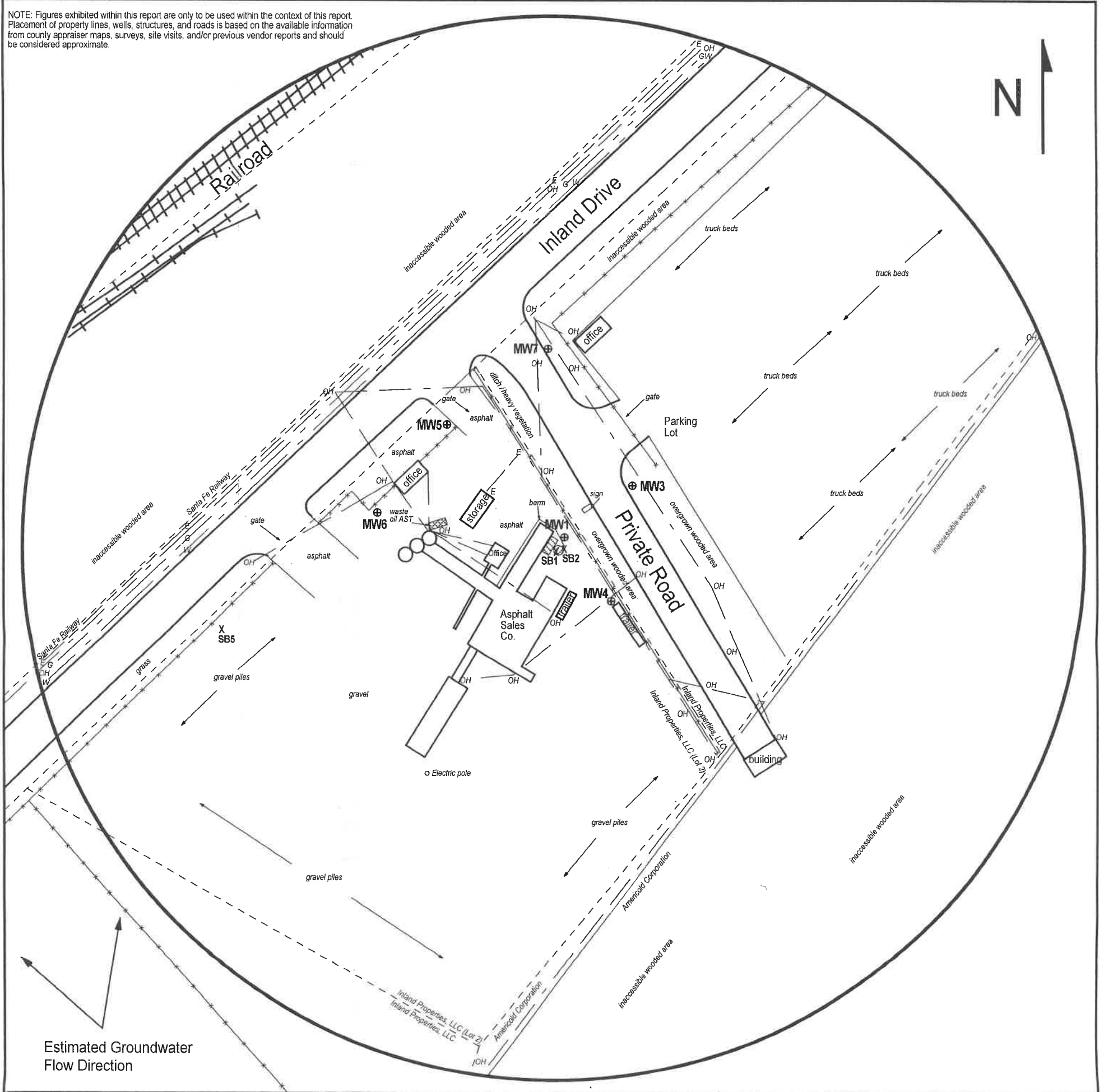


FIGURE 2.2.1 - 500 FT RADIUS AREA BASE MAP (LOT 2)

**LEGEND:**

- Approximate Location of Former AST
- Approximate Location of Active AST
- Approximate Location Property Line
- Monitoring Well (Installed 2/8-9/18; 2/21/18, 2/23/18)
- Soil Boring (Drilled 2/21-22/18)
- Electric Lines (2 - 6 ft BGS)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Water Lines (2 - 6 ft BGS)

NOTE: SB5 was drilled to collect a hydrologic sample.  
NOTE: Utility depths, heights and locations are approximate.



**PROJECT:**

The Asphalt Sales Company  
6901 Inland Dr.  
Kansas City, KS  
KDHE ID: A4-105-40483  
Date: 3/16/18



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