

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

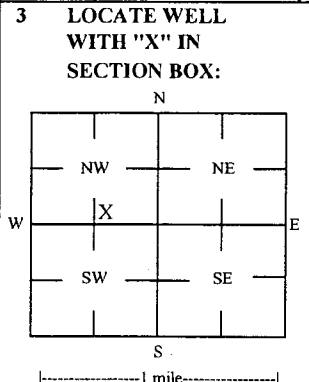
Well ID

MW4

Original Record Correction Change in Well Use

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

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 6901 Inland Drive, Kansas City



4 DEPTH OF COMPLETED WELL: 55 ft. Depth(s) Groundwater Encountered: 1) 55 ft. 2) ft 3) ft, or 4) Dry Well. WELL'S STATIC WATER LEVEL: 45.89 ft. [X] below land surface, measured on (mo-day-yr) 3/16/18

5 Latitude: 39.06750 (decimal degrees) Longitude: 94.73751 (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: 768.74 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 [ ] Irrigation [ ] Feedlot [ ] Industrial. 2 Public Water Supply: well ID. 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID. 5 Monitoring: well ID MW4. 6 Environmental Remediation: well ID. 7 Air Sparge [ ] Soil Vapor Extractor [ ] Recovery [ ] Injection. 8 Oil Field Water Supply: lease. 9 Test Hole: well ID. [ ] Cased [ ] Uncased [ ] Geotechnical. 10 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 35 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.28 in. Weight lbs./ft. Well thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [ ] Fiberglass [X] PVC [ ] Brass [ ] Galvanized Steel [ ] Concrete tile [ ] None used (open hole) [ ] Other (Specify). 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 35 ft. to 55 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 33 ft. to 55 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-0.5'. Grout intervals: From 0.5 ft. to 28 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? NW Distance from well? ~80 ft

Table with 6 columns: 10 FROM, 10 TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-8 Gravel, rubble fill, sand; 8-14 Rock with silty clay; 14-20 Silt with some clay; 20-35 Fine sand; 35-55 Coarse sand.

Notes: KDHE ID: The Asphalt Sales Company; A4-105-40483

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) 2/8/18 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)

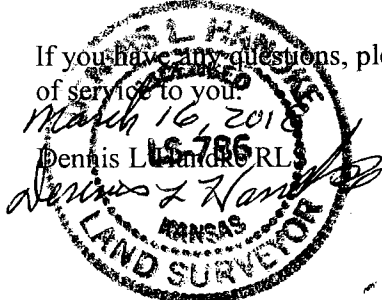
Bench Mark #2: Chisled Sq. on storm sewer basin NE of the building. Concrete plant  
Elev: 768.63      North 2316      West 4314      (from SE Cor. Sec. 27-11-24E)

|      |          |        |       |      |                               |
|------|----------|--------|-------|------|-------------------------------|
| 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 |

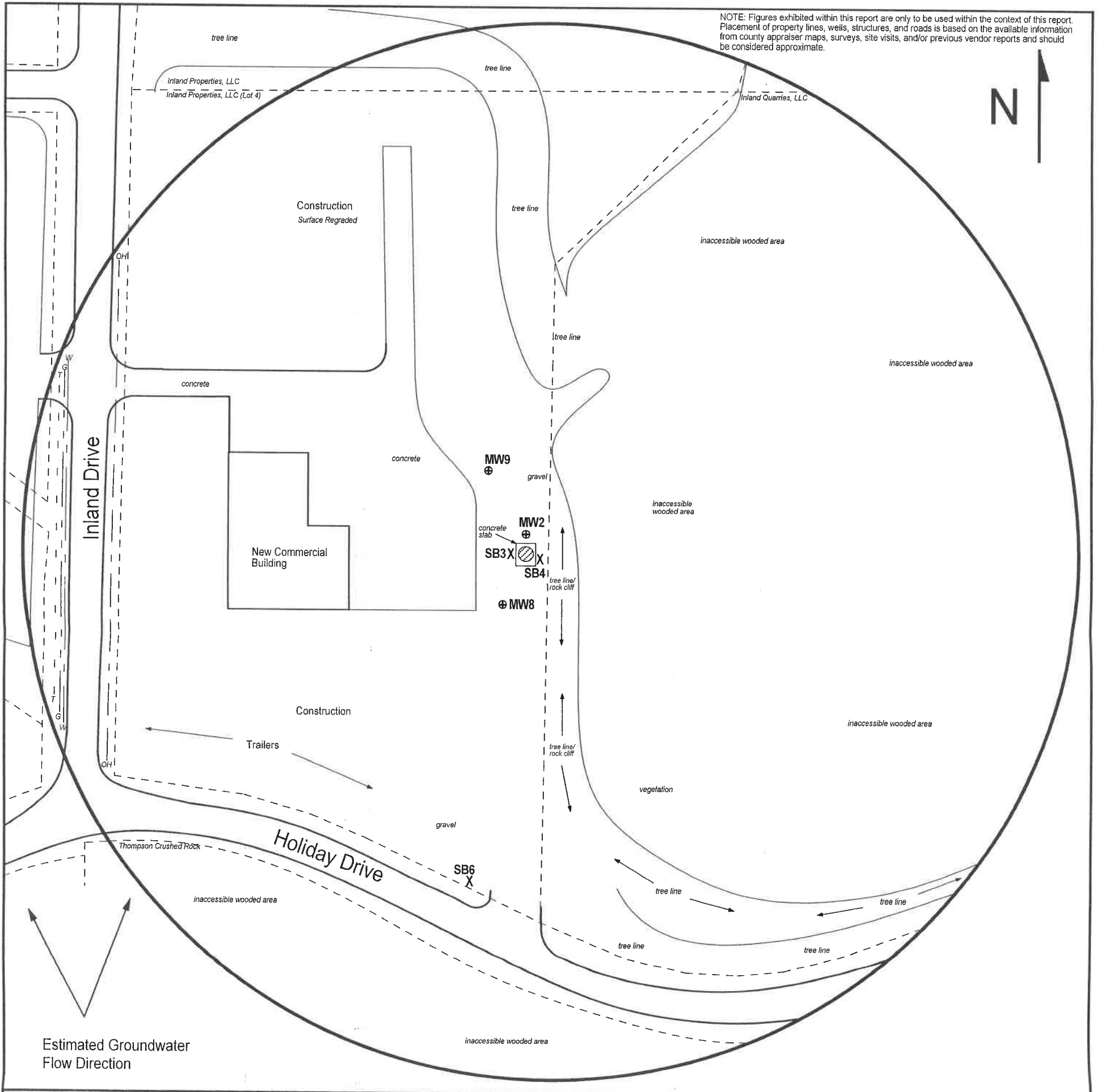
Lat & Long derived existing Shawnee 7.5' quad map. WGS 84.

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:**

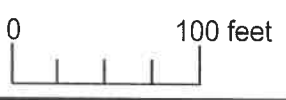
- Approximate Location of Former AST Basin
- Approximate Location of Property Line
- Monitoring Well (Installed 2/9/18; 2/22/18)
- Soil Boring (Drilled 2/22/18)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

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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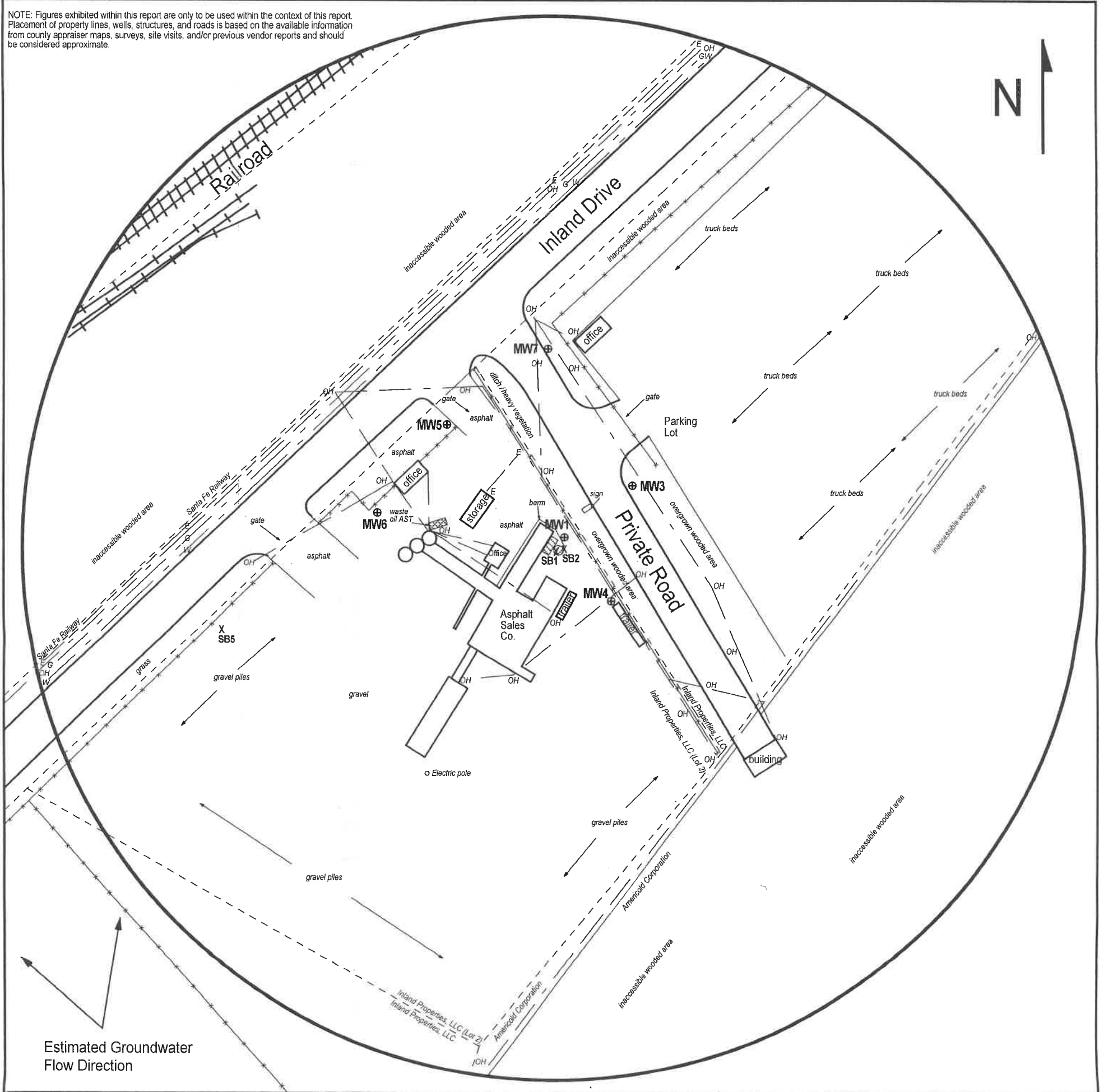


FIGURE 2.2.1 - 500 FT RADIUS AREA BASE MAP (LOT 2)

**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:**

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



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