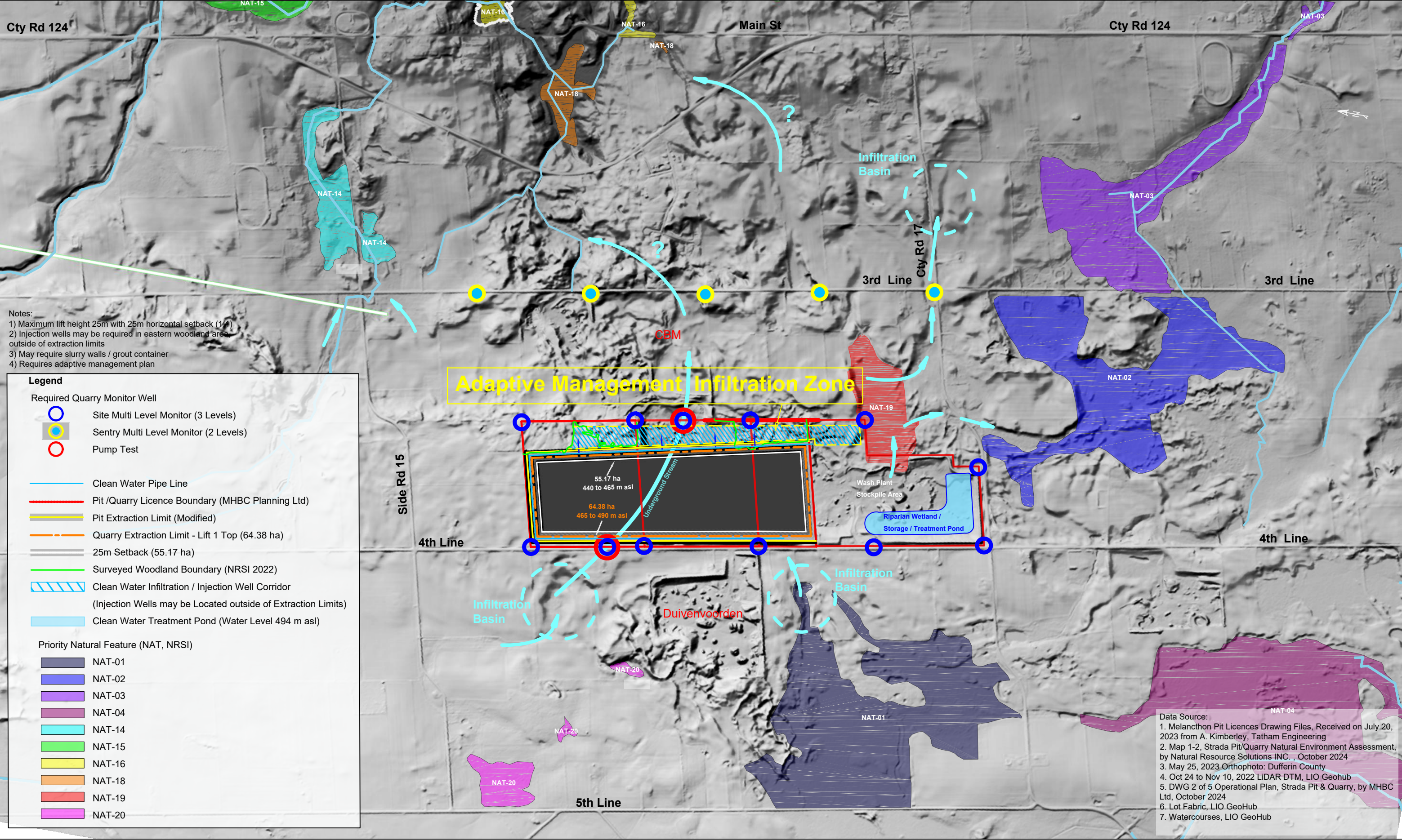
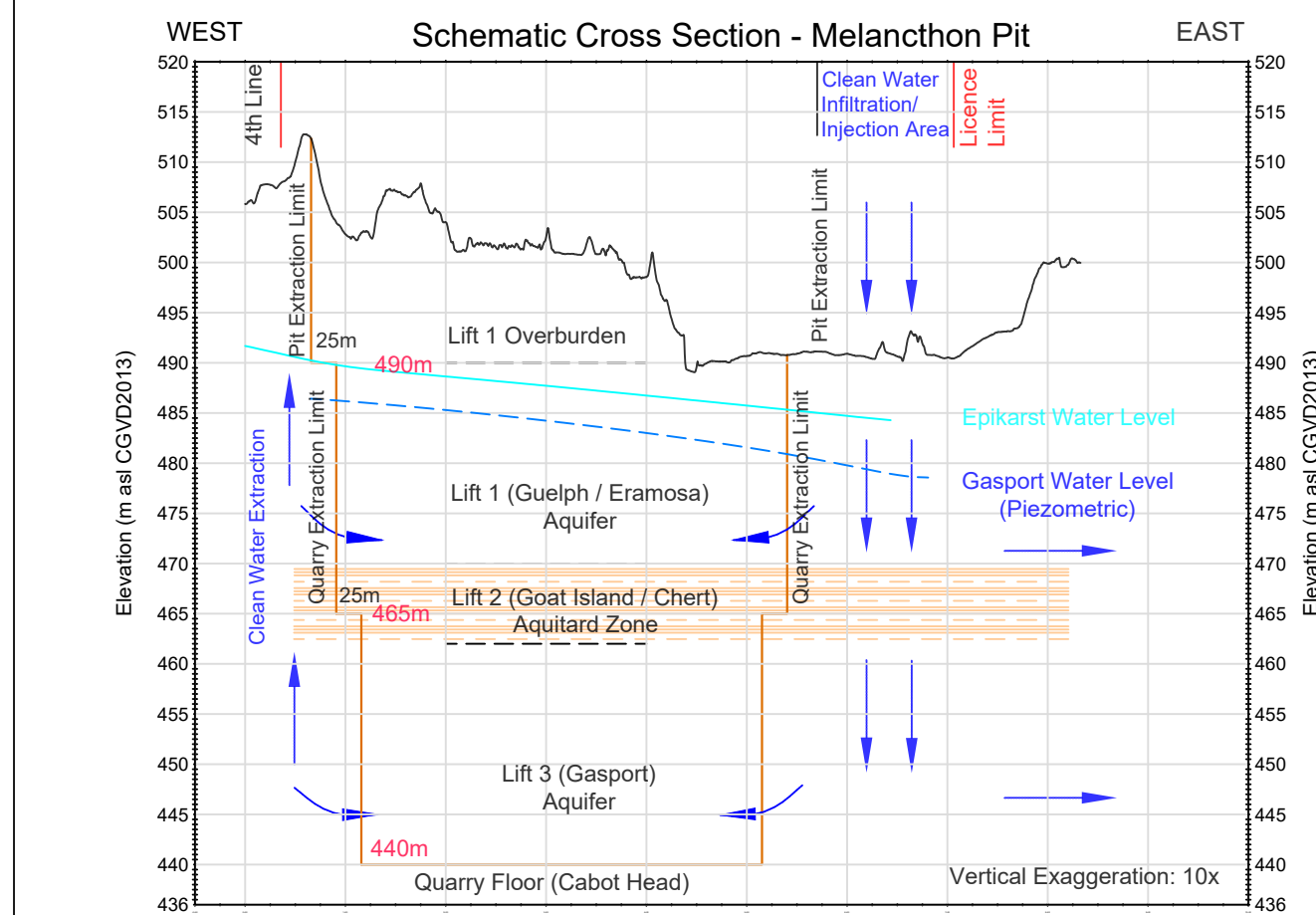
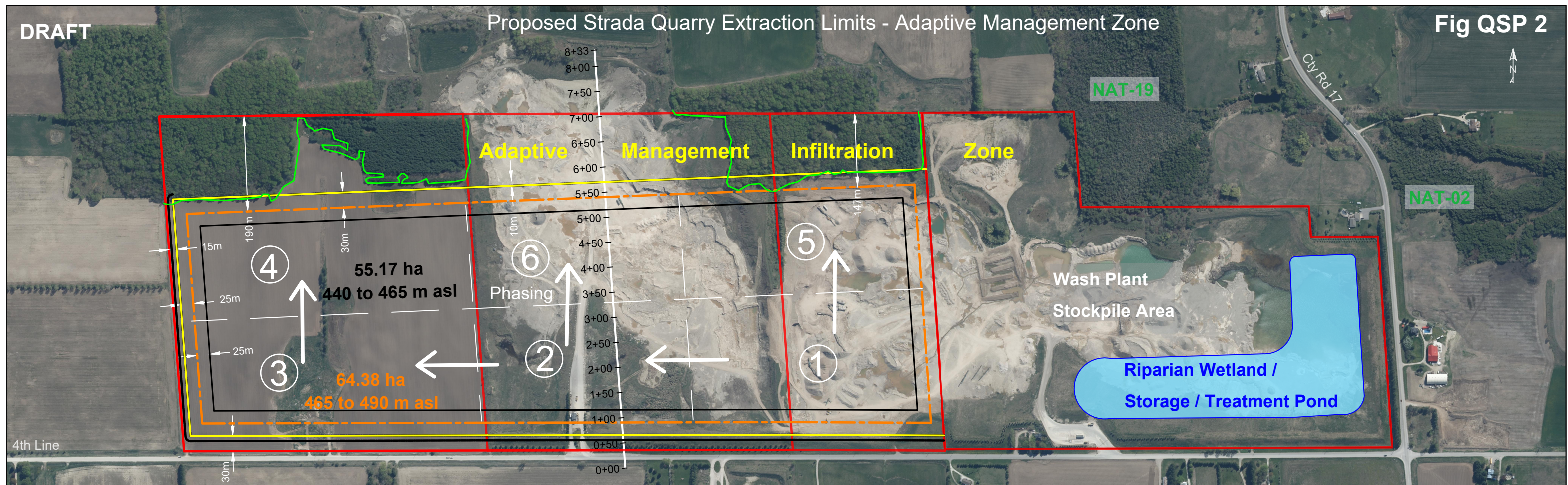




DRAFT

Proposed Strada Quarry Extraction Limits - Adaptive Management Zone

Fig QSP 2



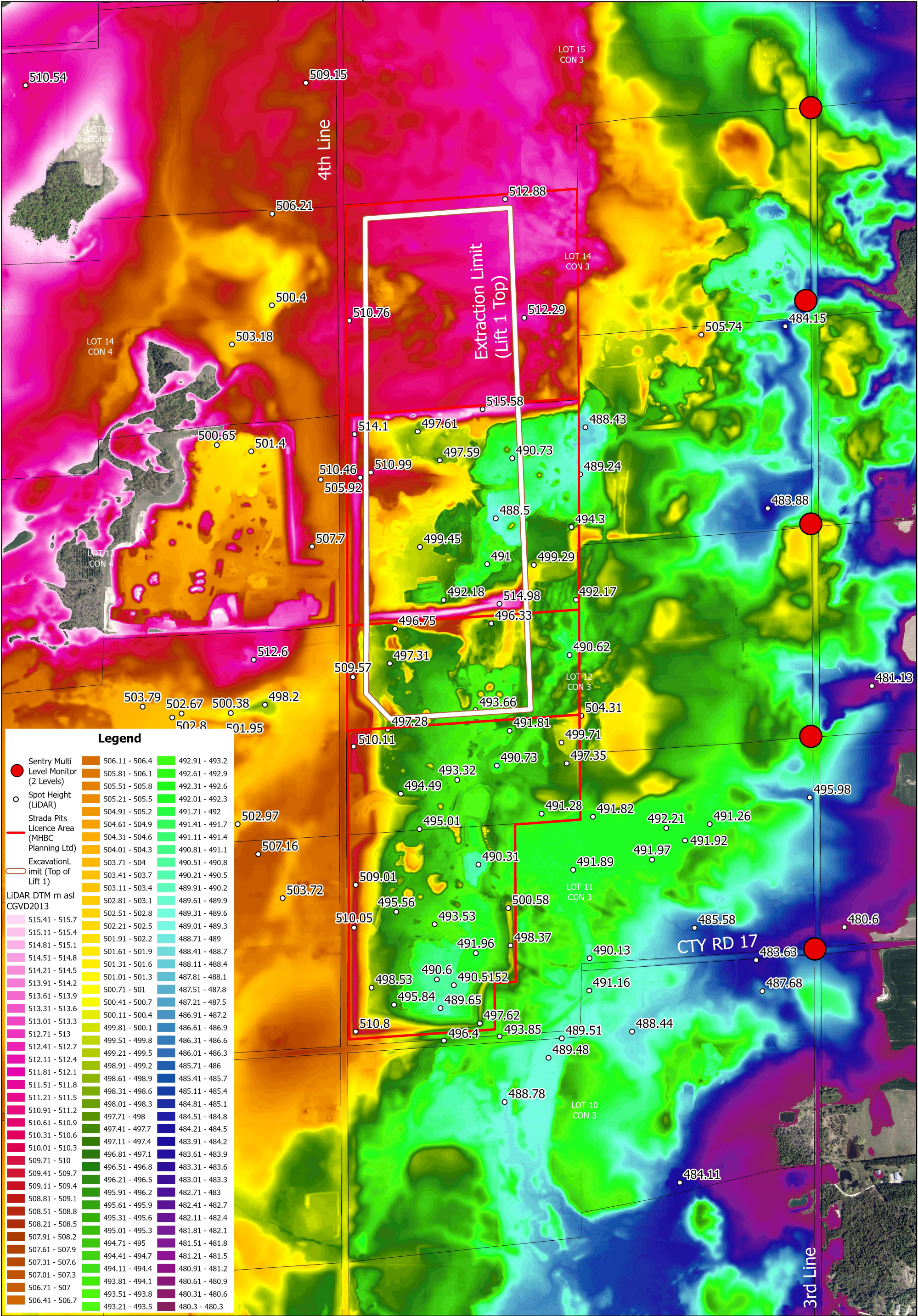
Strada Quarry Extraction Plan (Alternative)

Legend

- Pit /Quarry Licence Boundary (MHBC Planning Ltd)
- Pit Extraction Limit (Modified)
- Quarry Extraction Limit - Lift 1 Top (64.38 ha)
- 25m Setback (55.17 ha)
- Direction of Extraction
- Surveyed Woodland Boundary (NRSI 2022)
- Priority Natural Feature (NAT, NRSI)
- Clean Water Infiltration / Injection Well Corridor
(Injection Wells may be Located outside of Extraction Limits)
- Riparian Wetland / Storage / Treatment Pond (Water Level 494 m asl)

- Notes:
- 1) Maximum lift height 25m with 25m horizontal setback (1:1)
 - 2) Injection wells may be required in eastern woodland area, outside of extraction limits
 - 3) May require slurry walls
 - 4) Requires adaptive management plan

- Data Source:
1. Melancthon Pit Licences Drawing Files, Received on July 20, 2023 from A. Kimberley, Tatham Engineering
 2. Map 2-12, Map 2-13 and Map 2-14, Melancthon Quarry Natural Environment Assessment, by Natural Resource Solutions INC. , October 13, 2023
 3. May 25, 2023 Orthophoto: Dufferin County
 4. Oct 24 to Nov 10, 2022 LiDAR DTM, LIO Geohub
 5. DWG 2 of 5 Operational Plan, Strada Pit & Quarry, by MHBC Ltd, October 2024
 6. Lot Fabric, LIO Geohub



Source: 1. LiDAR DTM downloaded from LIO GeoHub on Oct 26, 2023.
2. Lot Fabric, LIO Geohub

File Date: February 6, 2025
Scale: 1:10,000 @ 11x17"



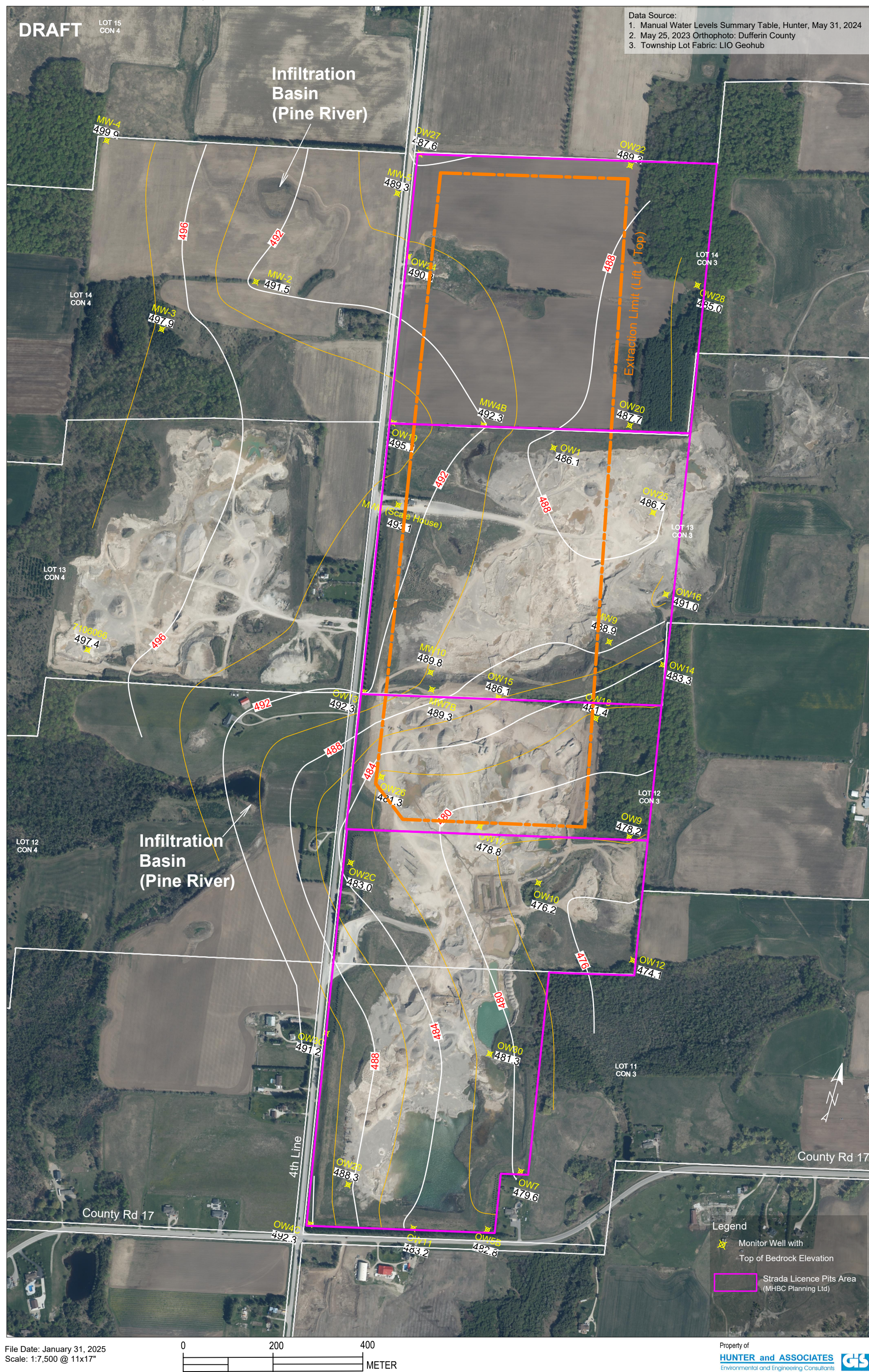


Fig QSP 5



Deep Aquifer Extraction and Infiltration Wells (Conceptual) Water Management System and Extraction Phases (CGVD2013)

Fig QSP 6

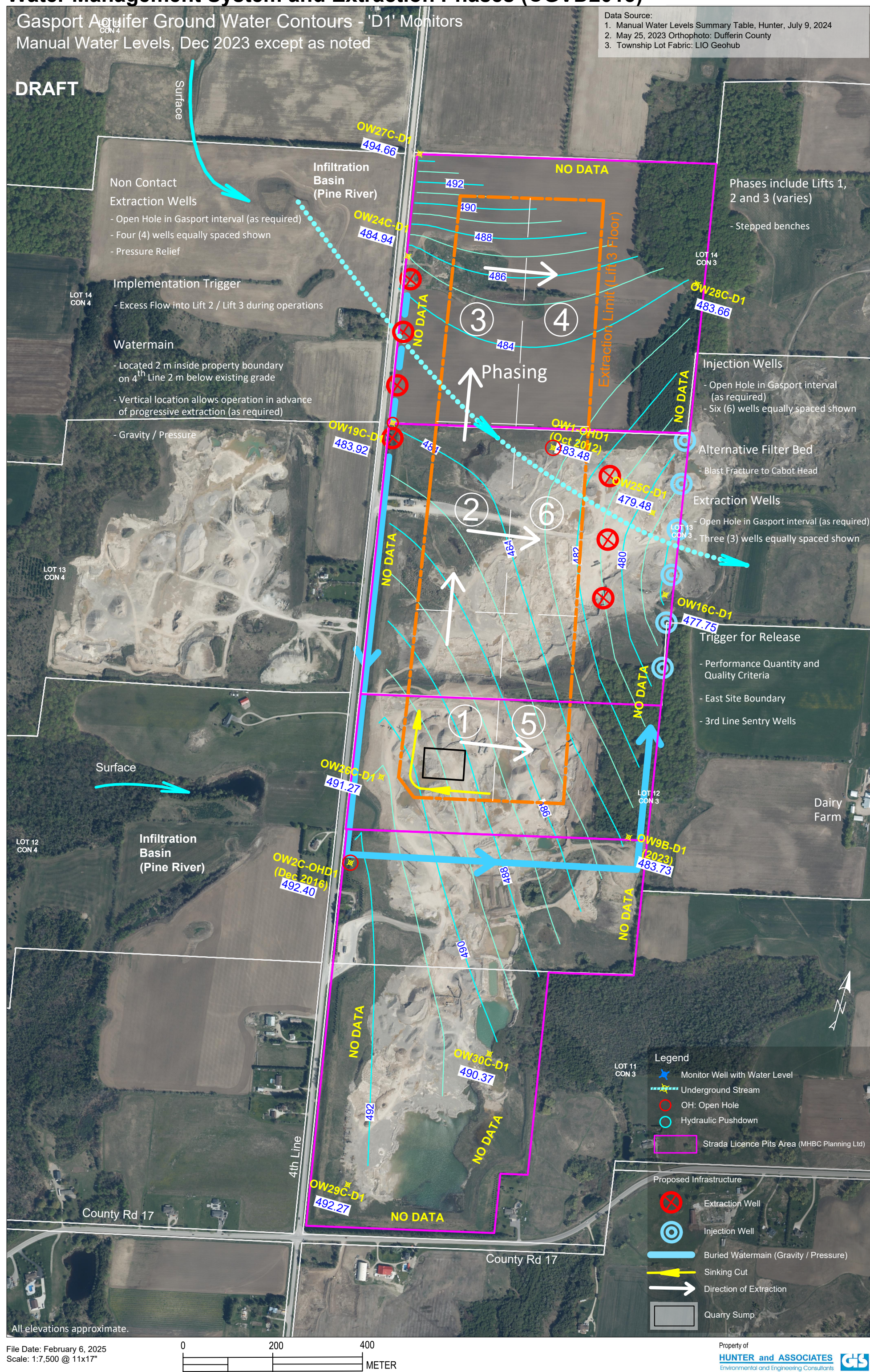


Fig QSP 7
DRAFT

