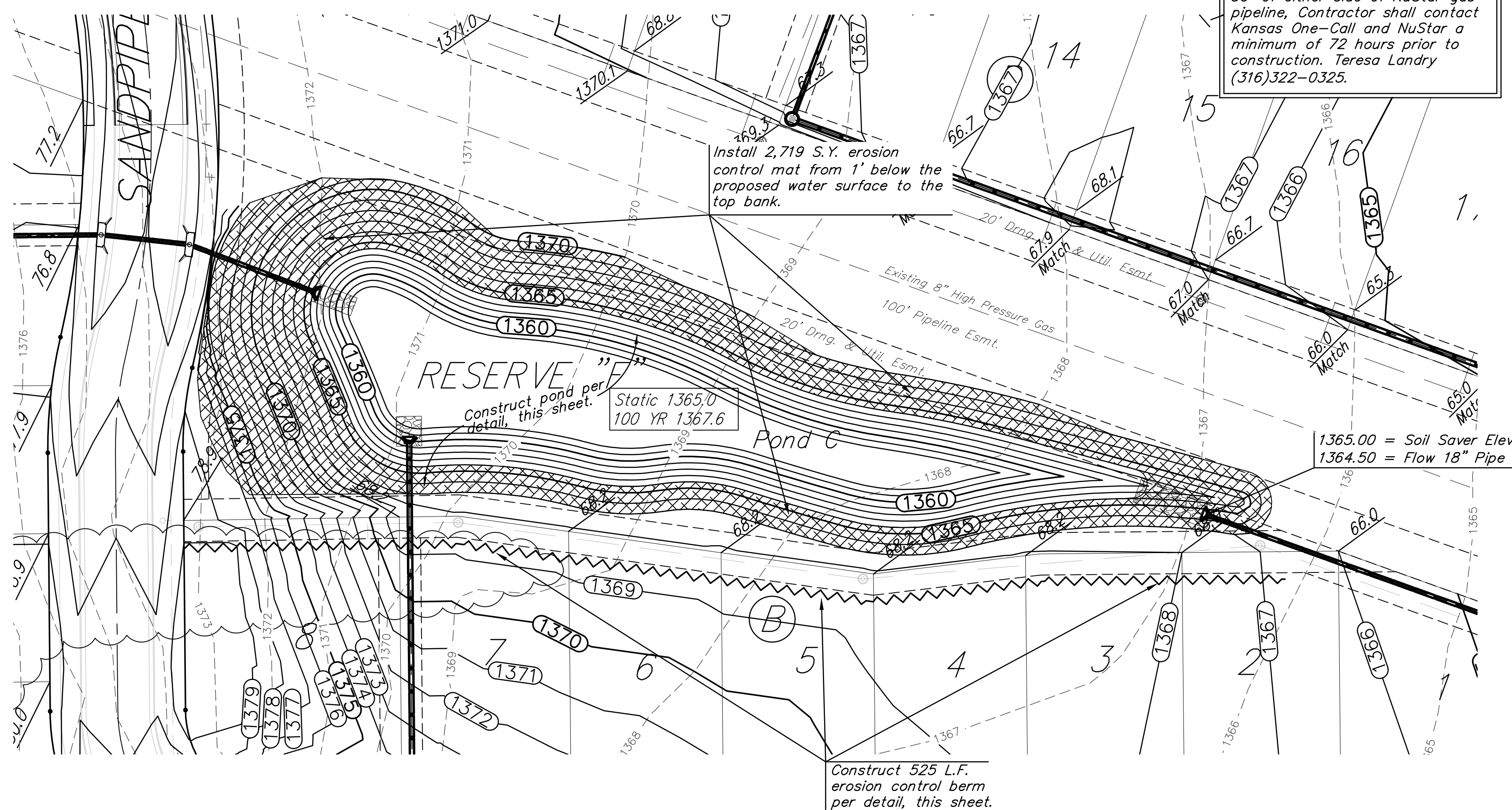


--- 1385 --- Existing Grade
 (1385) Proposed Grade

EROSION CONTROL PLAN LEGEND

- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- STRAW WATTLE DITCH CHECKS
- EROSION CONTROL BERM
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH



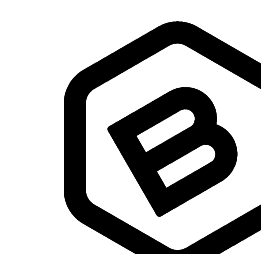
EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Compacted Fill
Mass Grading	20,939	77,783
Pond A Construction	42,790	1,850
Pond B Construction	8,282	386
Pond C Construction	11,097	451
Total	83,108	80,470

Excess material shall remain on-site and be stockpiled on undeveloped areas of site to be determined by the Engineer. Earthwork fill quantities are unadjusted and are for reference only. Excavation for mass grading and pond construction work to be paid for as C.Y. Excavation. All cost associated with fill & compaction shall be incidental to lump sum bid item "Grading, Mass".

NOTES:

- Pond bottom and sideslopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The top 6" of the clay liner shall be modified with Wyoming Bentonite Clay at a rate of 4%. All costs including clay, manipulation, hauling, compacting, etc. shall be included in the bid item, "Pond Sealing". The best onsite clay material shall be used for the pond liner. The compaction and P.I. shall be verified during construction. 6" of on-site material shall be distributed on top of the clay line below the static pool elevation. P.I. determination and compaction testing shall be arranged and paid for by the contractor at the request of the inspector. Cost shall be incidental to "Testing". Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Excavation".
- Any excess excavation shall be stockpiled on-site at an area indicated by the Engineer out of easements and R/W.
- All areas disturbed by construction shall be seeded as indicated on cover sheet.
- Ponds A & C: Install Erosion Control Mat (Curlex II or approved equal) from 1' below the water surface to top bank. To be paid for as bid item "Erosion Control Mat". Pond B: Install Light Stone Rip-Rap from 1' below the water surface to top bank.
- Contractor to strip top 4-6" of soil within street right-of-way before mass grading and stockpile. Topsoil & dirt piles may be spread outside of proposed pavement prior to seeding.
- Compaction of 95% shall be obtained in all areas. All testing shall be incidental to Lump Sum bid item "Testing".



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NRD ADDITION

POND PLAN (PONDS B&C)

STORM WATER DRAIN IMPROVEMENTS

PROJECT NUMBER:
21-03-E867

DESIGN: NBW DRAWN: TMS
DATE: August 5, 2021

SHEET OF
26 46