

APPENDIX 'G'

PRELIMINARY DRAINAGE STUDY FOR: PINE LAKE OUTLET DRAIN #1689

ALTERNATIVE 3 PROPOSED LAKE OUTLET STORM SEWER

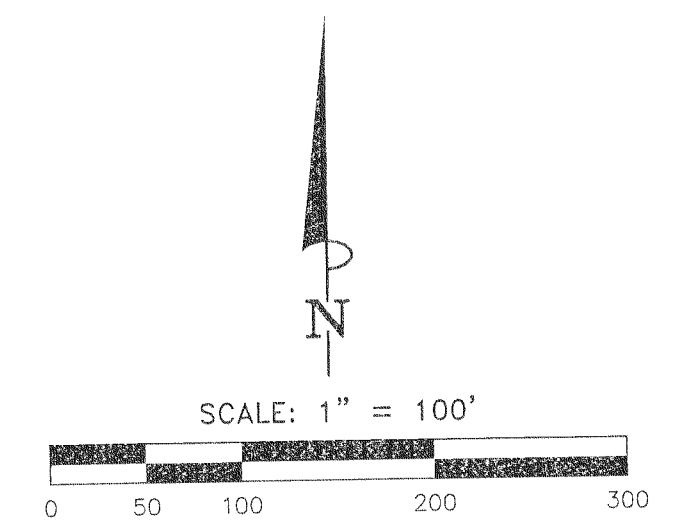
PREPARED FOR:
GENESEE COUNTY DRAIN COMMISSIONER
SURFACE WATER MANAGEMENT DIVISION
G-4608 BEECHER ROAD, FLINT, MICHIGAN 48532



PLAN VIEW

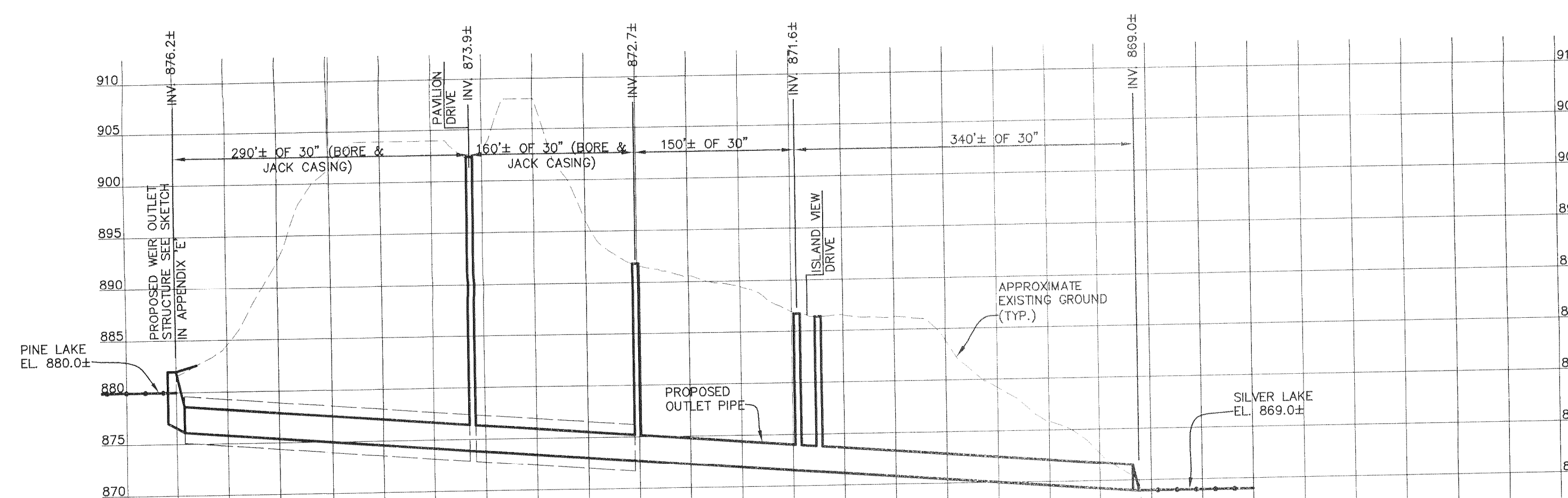
EXISTING
PROPERTY
LINES (TYP.)

EXISTING
CONTOUR (TYP.)
(2' INTERVAL)



LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING PUMP STATION MANHOLE
- EX SS — EXISTING SANITARY SEWER
- EX FM — EXISTING FORCEMAIN
- EXISTING STORM MANHOLE
- EXISTING STORM CATCH BASIN
- EX ST — EXISTING STORM SEWER
- EX WM — EXISTING WATERMAIN
- EX EL — EXISTING UNDERGROUND ELECTRIC
- EX GAS — EXISTING UNDERGROUND GAS
- 850 — EXISTING CONTOUR
- PROPOSED STORM MANHOLE
- PROPOSED STORM CATCH BASIN
- PROPOSED END SECTION
- ST — PROPOSED STORM SEWER
- PROPOSED DRAINAGE DIRECTION
- PROPOSED EASEMENT
- PROPOSED RIPRAP
- PROPOSED BORE AND JACK CASING



PROFILE VIEW

SCALE: H- 1"=100'
V- 1"=10'

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