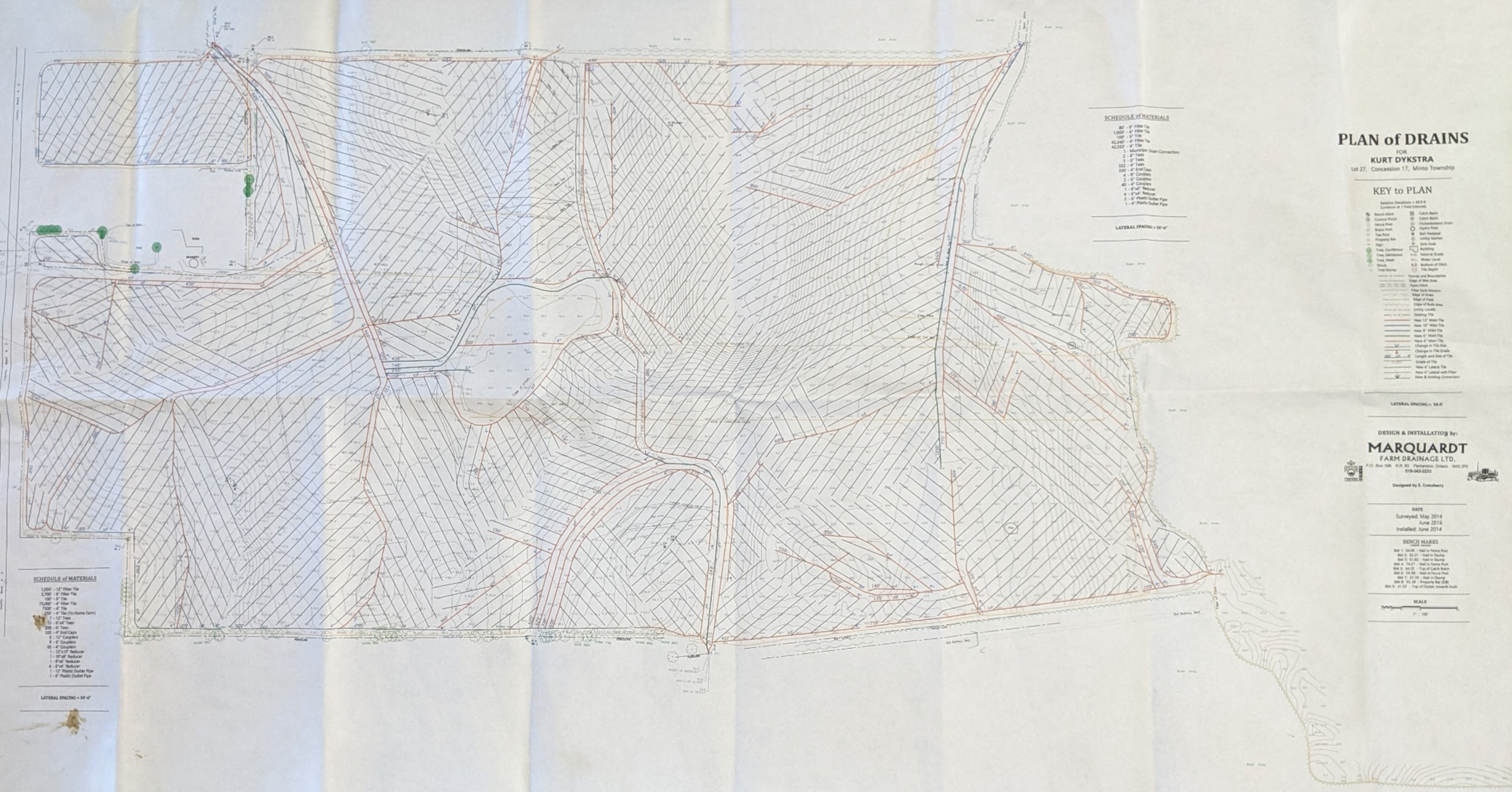

PLAN of DRAINS

FOR

KURT DYKSTRA

Lot 27, Concession 17, Minto Township

KEY to PLAN

Relative Elevations = 46.9 ft
Contours at 1 Foot Intervals

- Bench Mark
- Control Point
- Fence Post
- Brace Post
- Tee Post
- Property Bar
- Sign
- Tree, Coniferous
- Tree, Deciduous
- Tree, Dead
- Stump
- Tree Stump
- Catch Basin
- Catch Basin
- Hickenbottom Drain
- Hydro Pole
- Bell Pedestal
- Utility Marker
- Sink Hole
- Building
- N.G. Natural Grade
- W.L. Water Level
- B.D. Bottom of Ditch
- Tile Depth
- Fences and Boundaries
- Edge of Wet Area
- Open Ditch
- Filter Sock Division
- Edge of Grass
- Edge of Field
- Edge of Bush Area
- Utility Locate
- Existing Tile
- New 12" Main Tile
- New 10" Main Tile
- New 8" Main Tile
- New 6" Main Tile
- New 4" Main Tile
- Change in Tile Size
- Change in Tile Grade
- Length and Size of Tile
- Grade of Tile
- New 4" Lateral Tile
- New 4" Lateral with Filter
- New & Existing Connection

LATERAL SPACING = 30'.0'

DESIGN & INSTALLATION by:

MARQUARDT
FARM DRAINAGE LTD.
P.O. Box 306 R.R. #3 Palmerston, Ontario N0G 2P0
519-343-3233

Designed by S. Cronsberry

DATE
Surveyed: May 2014
June 2016
Installed: June 2014

BENCH MARKS

BM 1: 64.96 - Nail in Fence Post
BM 2: 52.31 - Nail in Stump
BM 3: 51.82 - Nail in Stump
BM 4: 74.57 - Nail in Fence Post
BM 5: 64.25 - Top of Catch Basin
BM 6: 59.98 - Nail in Fence Post
BM 7: 67.39 - Nail in Stump
BM 8: 55.38 - Property Bar (SIB)
BM 9: 41.50 - Top of Outlet, towards bush

SCALE

1" = 100'

SCHEDULE of MATERIALS

80' - 8" Filter Tile
1,000' - 6" Filter Tile
100' - 6" Tile
42,040' - 4" Filter Tile
42,550' - 4" Tile
1 - Municipal Drain Connection
2 - 8" Tees
5 - 6" Tees
322 - 4" Tees
330 - 4" End Caps
4 - 8" Couplers
2 - 6" Couplers
40 - 4" Couplers
1 - 8"x6" Reducer
4 - 6"x4" Reducer
2 - 6" Plastic Outlet Pipe
1 - 4" Plastic Outlet Pipe

LATERAL SPACING = 30'-0"

SCHEDULE of MATERIALS

1,050' - 12" Filter Tile
2,700' - 8" Filter Tile
100' - 8" Tile
75,000' - 4" Filter Tile
7500' - 4" Tile
250' - 4" Tile (To Home Farm)
7 - 12" Tees
12 - 8"x4" Tees
288 - 4" Tees
320 - 4" End Caps
6 - 12" Couplers
8 - 8" Couplers
85 - 4" Couplers
1 - 12"x10" Reducer
1 - 10"x8" Reducer
1 - 8"x6" Reducer
4 - 6"x4" Reducer
1 - 12" Plastic Outlet Pipe
1 - 8" Plastic Outlet Pipe

LATERAL SPACING = 30'-0"