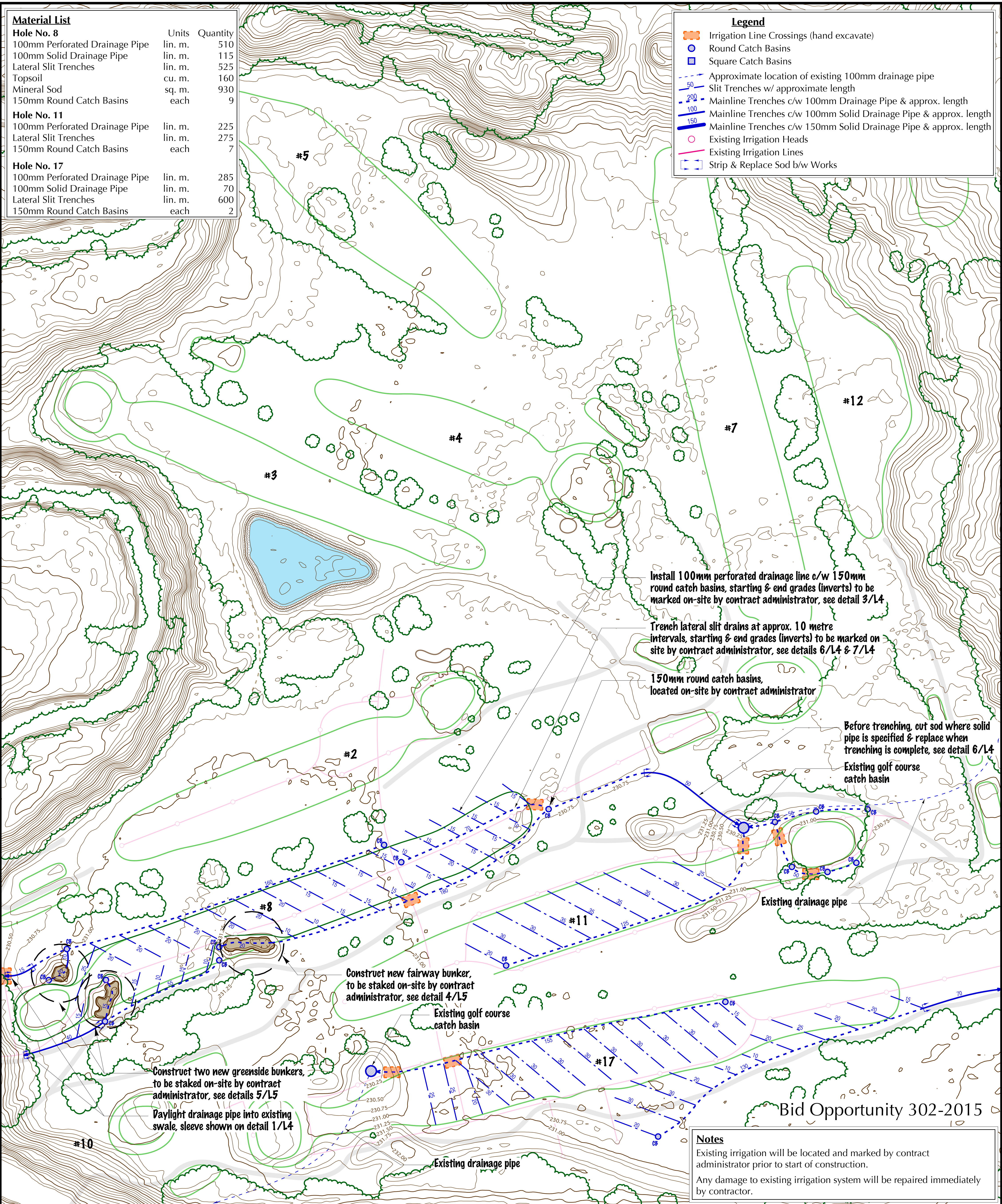


Material List			
Hole No.	Units	Quantity	
Hole No. 8	100mm Perforated Drainage Pipe	lin. m.	510
	100mm Solid Drainage Pipe	lin. m.	115
	Lateral Slit Trenches	lin. m.	525
	Topsoil	cu. m.	160
Hole No. 11	100mm Perforated Drainage Pipe	lin. m.	225
	Lateral Slit Trenches	lin. m.	275
	150mm Round Catch Basins	each	7
Hole No. 17	100mm Perforated Drainage Pipe	lin. m.	285
	100mm Solid Drainage Pipe	lin. m.	70
	Lateral Slit Trenches	lin. m.	600
	150mm Round Catch Basins	each	2

Legend	
	Irrigation Line Crossings (hand excavate)
	Round Catch Basins
	Square Catch Basins
	Approximate location of existing 100mm drainage pipe
	Slit Trenches w/ approximate length
	Mainline Trenches c/w 100mm Drainage Pipe & approx. length
	Mainline Trenches c/w 100mm Solid Drainage Pipe & approx. length
	Mainline Trenches c/w 150mm Solid Drainage Pipe & approx. length
	Existing Irrigation Heads
	Existing Irrigation Lines
	Strip & Replace Sod b/w Works



Install 100mm perforated drainage line c/w 150mm round catch basins, starting & end grades (inverts) to be marked on-site by contract administrator, see detail 3/L4

Trench lateral slit drains at approx. 10 metre intervals, starting & end grades (inverts) to be marked on site by contract administrator, see details 6/L4 & 7/L4

150mm round catch basins, located on-site by contract administrator

Before trenching, cut sod where solid pipe is specified & replace when trenching is complete, see detail 6/L4

Existing golf course catch basin

Construct new fairway bunker, to be staked on-site by contract administrator, see detail 4/L5

Existing golf course catch basin

Construct two new greenside bunkers, to be staked on-site by contract administrator, see details 5/L5

Daylight drainage pipe into existing swale, sleeve shown on detail 1/L4

Bid Opportunity 302-2015

Notes
 Existing irrigation will be located and marked by contract administrator prior to start of construction.
 Any damage to existing irrigation system will be repaired immediately by contractor.

GRANT GOLF
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Project: **Windsor Park Golf Course**
 10 Des Meurons St., Winnipeg, MB.
 Drawing Title: **Renovation Plan**

Scale: 1 : 720
 (1" = 60'-0")
 North:

Drawn: TK
 Checked: DG
 Proj. No.: 14.10

Date: Oct. 1, 2014
 Revisions: June 16, 2015

Drawing No.: **L3**