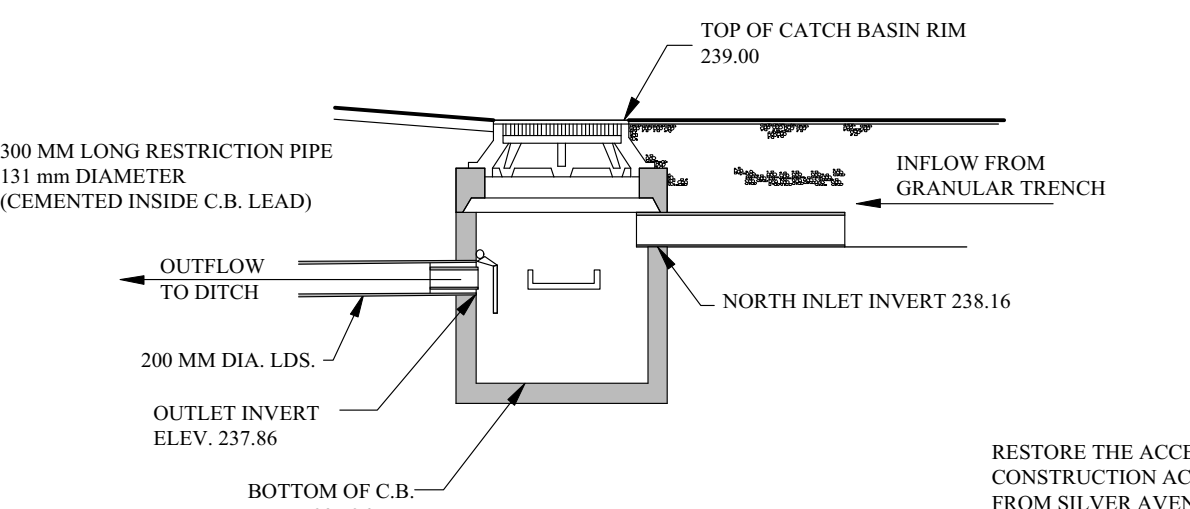
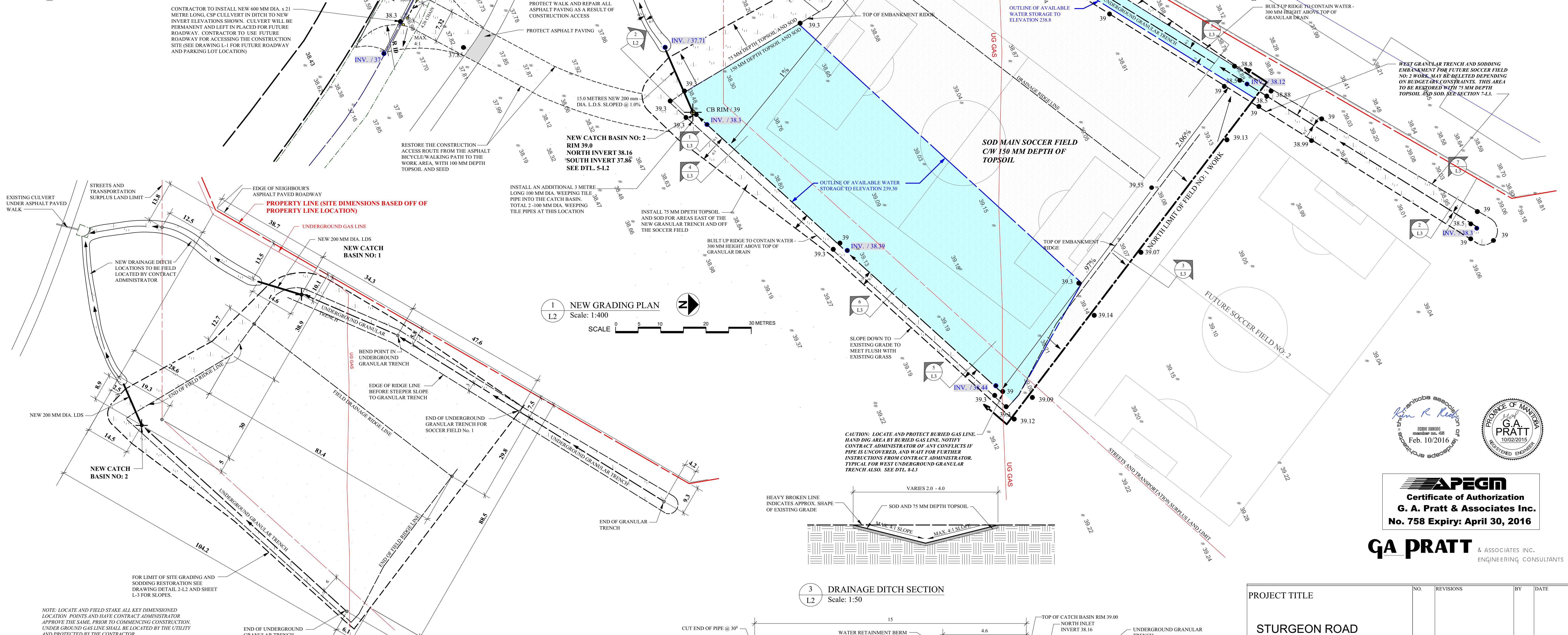


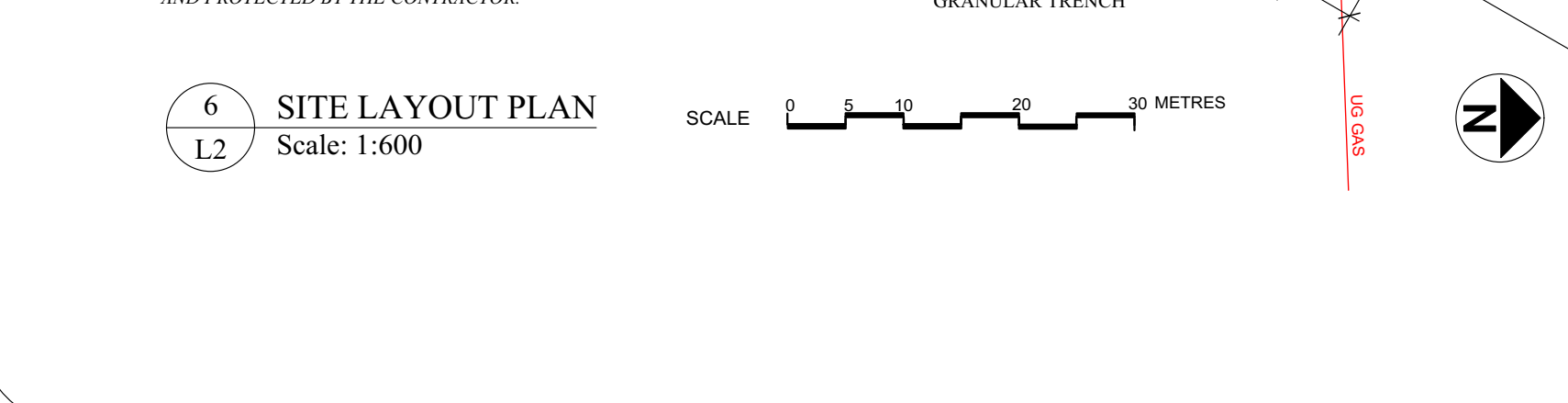
4 CATCH BASIN NO: 1 DETAIL
Scale: 1:50



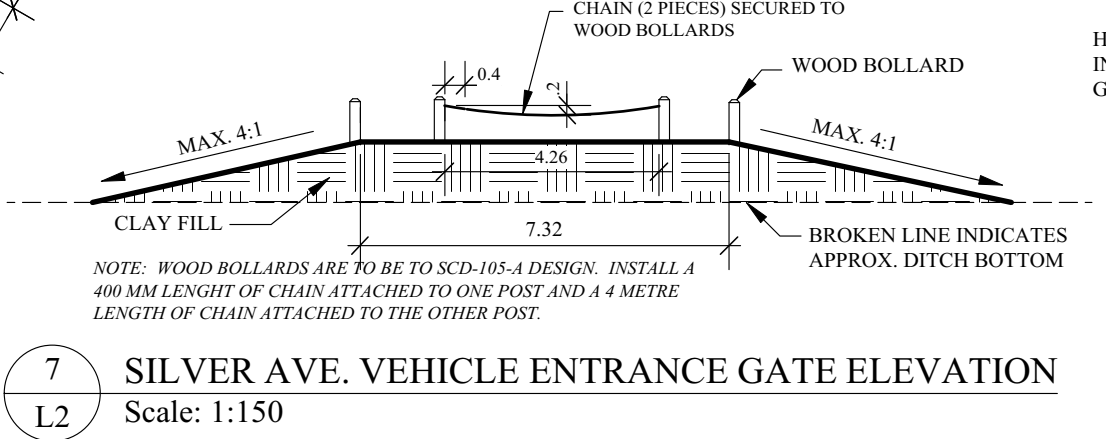
5 CATCH BASIN NO: 2 DETAIL
Scale: 1:50



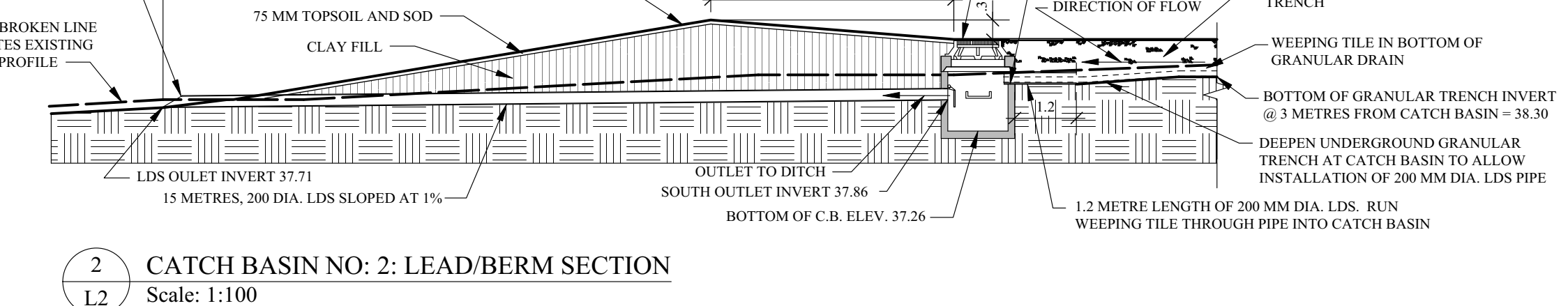
1 NEW GRADING PLAN
Scale: 1:400



6 SITE LAYOUT PLAN
Scale: 1:600



7 SILVER AVE. VEHICLE ENTRANCE GATE ELEVATION
Scale: 1:150



2 CATCH BASIN NO: 2: LEAD/BERM SECTION
Scale: 1:100

GRADING LEGEND:

- 38.88 NEW GRADE ELEVATION
- 37.34 = EXISTING GRADE ELEVATION
- ⊕ CB RIM EXISTING NEW CATCH BASIN
- INV. / 38.12 INVERT ELEVATION OF GRANULAR DRAIN
- 1.26% DIRECTION OF DRAINAGE AND PERCENTAGE OF SLOPE
- 4:1 4 HORIZONTAL / 1 VERTICAL SLOPE
- NEW UNDERGROUND GRANULAR DRAIN AND DIRECTION OF SLOPE
- - - INDICATES DRAINAGE RIDGE LINE
- - - LIMIT OF GRADING / SOD RESTORATION
- LIMIT OF SOCCER FIELD NO: 1 WORK
- NEW 200 MM DIA. L.D.S LEAD

- NOTE:**
- EXISTING GRADE ELEVATIONS AND SITE SURVEY IS BASED ON PHILLIPS AND STEVENS 1 DRAWINGS, FILE NO: 2010002, REVISION 1, DATED JUNE 11, 2013. FOR GEODETIC GRADES ADD 200.00 METRES.
 - CONTACT MANITOBA HYDRO AND LOCATE AND PROTECT UNDERGROUND GAS LINE, PRIOR TO COMMENCING CONSTRUCTION. ALSO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES, SURVEY MONUMENTS, ETC. PRIOR TO COMMENCING CONSTRUCTION.
 - UNLESS NOTED OTHERWISE, ALL NEW GRADES SHALL BE A STRAIGHT LINE FROM ONE GRADE POINT TO ANOTHER.
 - ALL L.D.S SEWERS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - INSTALL A SECOND WEST WEeping TILE PIPE INTO EACH CATCH BASIN, MINIMUM 2 METRE LENGTH, TO MAXIMIZE WATER FLOW INTO CATCH BASIN.
 - ALL ROUGH GRADING AND FINISH GRADING, MUST BE UNDERTAKEN USING EARTHMOVING EQUIPMENT WHICH IS GUIDED BY LASER OR GPS CONTROLLED DATA. COMPACTION FOR FILL MUST BE DONE IN MAXIMUM 150 MM LIFTS.

- LEGEND:**
- INDICATES AREAS TO RECEIVE 150 MM DEPTH TOPSOIL AND BE SODDED. THESE AREAS ARE GENERALLY ON THE INSIDE OF THE GRANULAR TRENCH
 - INDICATES AREAS TO RECEIVE 75 MM DEPTH TOPSOIL AND BE SODDED. THESE AREAS ARE GENERALLY ON THE OUTSIDE OF THE GRANULAR TRENCH
 - INDICATES AVAILABLE RAIN WATER STORAGE AREA WITHIN THE PERIMETER DYE AREA OR DRAINAGE SWALES. THIS INFORMATION IS REQUIRED BY THE WATERWORKS AND WASTE DEPT.

Manitoba Association of Professional Engineers
 K. Pratt
 MEMBER SINCE 1988
 Feb. 10/2016

PROVINCE OF MANITOBA
 G.A. PRATT
 10/02/2015
 REGISTERED ENGINEER

APEGM
 Certificate of Authorization
 G. A. Pratt & Associates Inc.
 No. 758 Expiry: April 30, 2016

GA PRATT & ASSOCIATES INC.
 ENGINEERING CONSULTANTS

PROJECT TITLE	NO.	REVISIONS	BY	DATE
STURGEON ROAD ATHLETIC FIELDS				
DRAWING TITLE	KEN RECH LANDSCAPE ARCHITECTS INC.			
SOCCER FIELD NO: 1 GRADING AND LAYOUT PLAN	1480 Wellington Crescent		Winnipeg, Manitoba	
	kenrech@mts.net		R3N 0B3 Tel(204) 489-6616	
DRAWN BY	K. Rech	SCALE	as noted	
PRINT DATE	Feb. 19, 2016	DATE	Jan. 11, 2016	
FILE NO.	15-15	REVISION	0	
			L2	