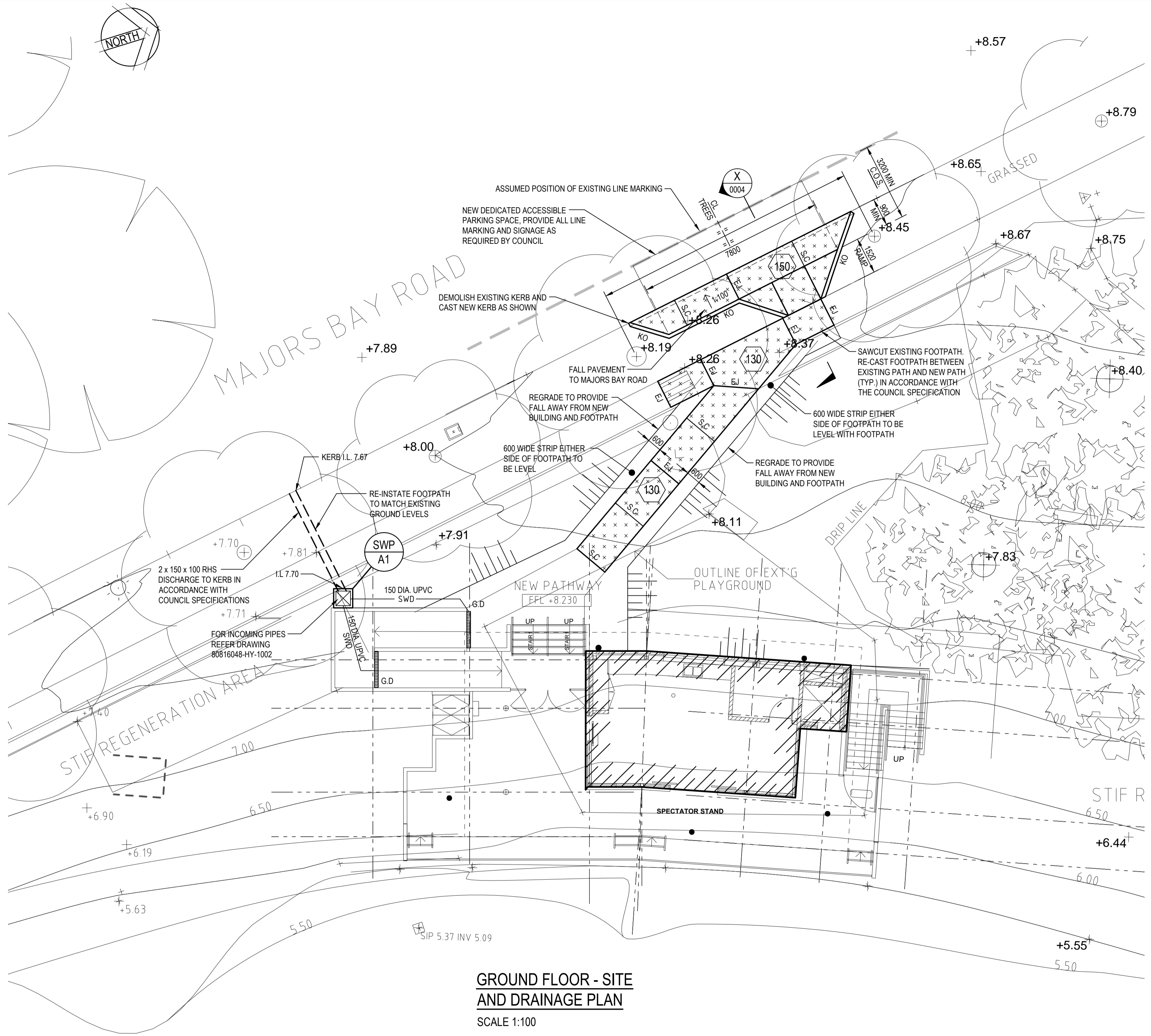


DATE PLOTTED: 18 March 2016 5:40 PM BY: ALEX CUTLU



GROUND FLOOR - SITE AND DRAINAGE PLAN
SCALE 1:100

LEGEND

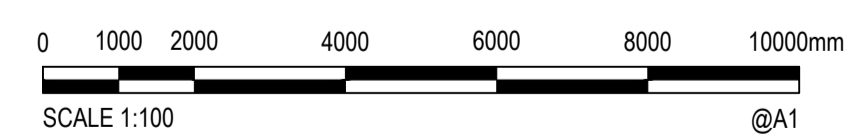
- PROPOSED STORMWATER PIT
- PROPOSED STORMWATER PIPES
- PROPOSED KERB ONLY
- PROPOSED SAWN JOINT
- PROPOSED EXPANSION JOINT
- PROPOSED SLAB THICKNESS
- PROPOSED AREA OF NEW CONCRETE PAVEMENT
- PROPOSED SUB SOIL DRAIN
- PROPOSED HIGH POINT
- PROPOSED CLEAN OUT
- GRATED DRAIN 100w x 100d
- SILT FENCE/HAYBALE
- SILT TRAP/SAND BAGS

STORMWATER CONSTRUCTION NOTES

- SW1. ALL NEW PIPES 375 DIA. & LARGER SHALL BE REINFORCED CONCRETE CLASS 2 WITH RUBBER RING JOINTS, WHERE ANGLED THE MINIMUM RADIUS SHALL BE 152m. 150/225/300mm DIA. STORMWATER PIPES SHALL BE SEWER CLASS UPVC.
MINIMUM PIPE SIZE FOR AN UNDERGROUND PIPE TO BE 150mm UPVC
- SW2. ALL DRAINAGE TRENCHES SHALL BE IN SOUND EXCAVATED MATERIAL. IF SOFT SPOTS EXIST, REMOVE AND BACKFILL WITH COMPACTED ROAD BASE (DG540) WITH A MINIMUM CBR OF 25 COMPACT TO 98% STANDARD MAXIMUM DRY DENSITY TO AS 1289 E11.
- SW3. ALL PIPES SHALL BE BEDDED ON 100mm SAND BED AND BACKFILLED WITH SAND TO 150mm ABOVE BARREL OF PIPE. THE REMAINDER OF THE TRENCH WILL BE BACKFILLED IN 150mm COMPACTED LAYERS IN GRANULAR FILL NON DISPERSIVE (EMERSON CLASS 5 OR 6) MATERIAL - NO TOP SOIL, GRASS, ROOTS, OR DELETERIOUS MATERIAL. COMPACT TO 98% STANDARD MAXIMUM DRY DENSITY AT ±2% OMC.
- SW4. PROVIDE A 100mm DIA. UPVC. SLOTTED DRAINAGE PIPE 3000 LONG WRAPPED IN FILTER FABRIC SOCK IN ALL TRENCHES ADJACENT TO INLET PIPES TO PITS & CONNECTED TO PIT.
- SW5. OTHER SUB SOIL DRAINAGE PIPES SHALL BE 100mm DIA. UPVC SLOTTED BEDDED AND BACKFILLED WITH 20mm GAUGE BLUE METAL. CLEAN OUTS SHALL BE EXTENDED TO THE SURFACE AND PROVIDED WITH A SCREWED COVER PLATE FLUSH WITH THE FINISHED SURFACE LEVEL.
- SW6. ALL CONCRETE PITS CONSTRUCTED SHALL BE BEDDED AS PER PIPE SPECIFICATION. PIT BASES SHALL BE SMOOTH CONTOURED WITH MASS CONCRETE BENCHING PROVIDE STEP IRONS AS PER PIT SCHEDULE. PROVIDE HEAVY MEDIUM OR LIGHT DUTY GALVANISED GRATE COVERS AS SPECIFIED IN SCHEDULE. ALL DRAINAGE WORKS ARE TO BE COMPLETED TO THE SATISFACTION OF THE SUPERVISING CIVIL ENGINEER. ALL WORKS TO COMPLY TO AS3500. ALL PITS SHALL BE PRECAST CONCRETE TYPE DPT FOR DEEP PITS BY ICON INDUSTRIES OR EQUAL. 20mm DIA. GALV. MS. STEP IRONS SHALL BE INSTALLED IN PITS 1200mm AND DEEPER.

STORMWATER PIT SCHEDULE - Community and Amenities building - Rothwell Park

SWP No.	Pit Cover Level (RL)	Pit Invert Level (IL)	Depth (mm)	Internal Pit Size	Pit Type	Cover Type	Cover Class	Remarks
A1	8.13	7.7	430	450x450	SIP	SOLID	B	
A2	6.000	5.400	600	600x600	SIP	GRATE	B	Provide Trash Screen
A3	6.200	5.600	600	600x600	SIP	GRATE	B	Provide Trash Screen



Rev.	Date	Description	Des.	Verif.	Appd.
4	18/03/2016	REVISED CC ISSUE		AC	TY
3	16/03/2016	CC ISSUE		AC	TY
2	26/10/2015	TENDER ISSUE		LPD	TY
1	21/09/2015	CONSTRUCTION CERTIFICATE ISSUE		LPD	TY

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Drawn LPD	Date SEP. 2015	Client BRIARS SPORTING CLUB
Checked TY	Date	Project COMMUNITY AND AMENITIES BUILDING
Designed TY	Date	Rothwell Park CONCORD
Verified TY	Date	Title GROUND FLOOR - SITE AND DRAINAGE PLAN
Approved	Date	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
Drawing Number 80816048-CI-0002		Scale 1:100
Revision 4		Size A1

XREFs: xsite_xpndr_A SITE PLAN
CAD File: N:\Projects\80816048 - Community Facility Rothwell Park\Drawings\Build\80816048-CI-0002.dwg