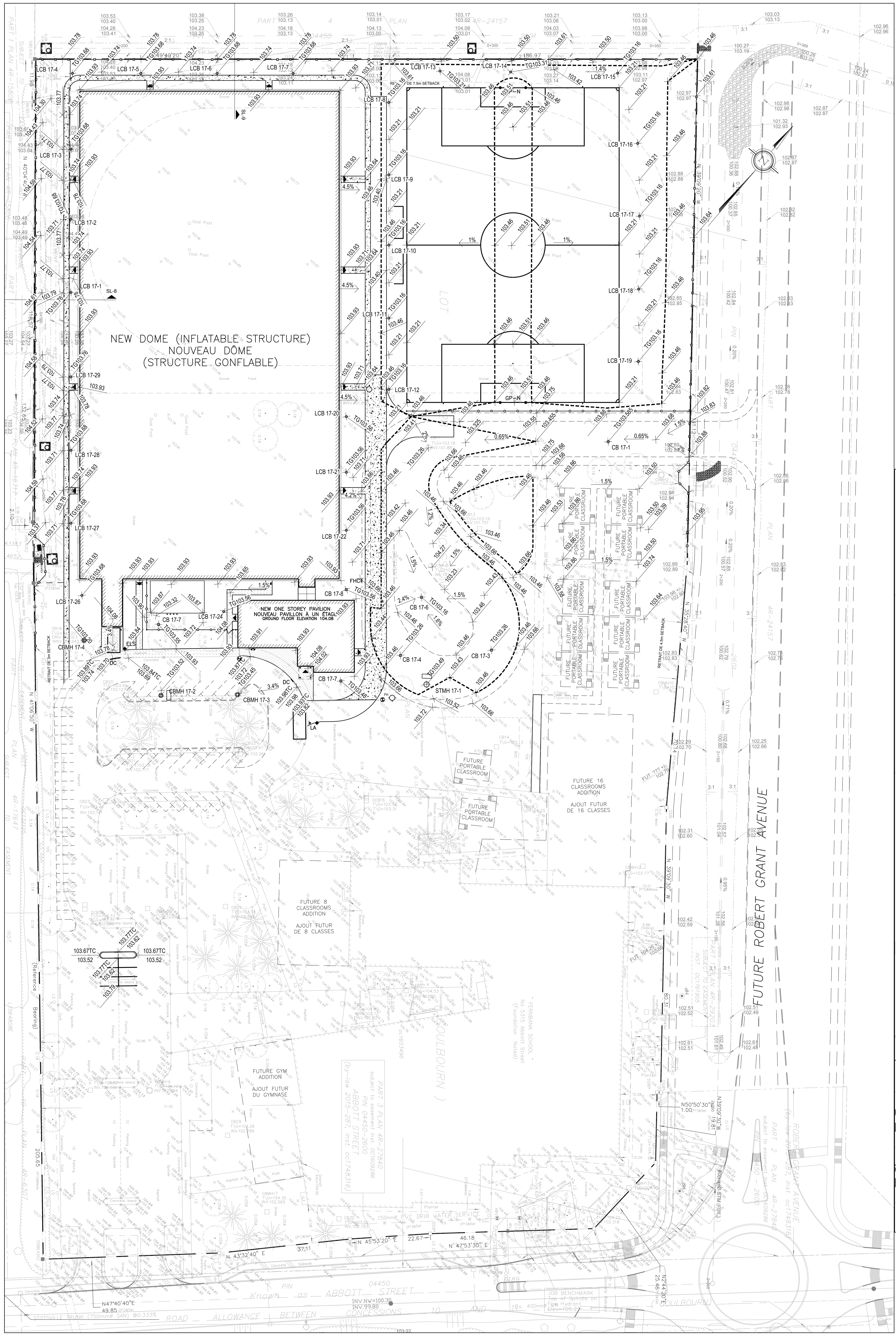


1 C002 **GRADING PLAN**
SCALE= 1:500

SCALE: 1:500

SURFACE STORAGE

LOCATION	AREA (m²)	MAX. DEPTH (mm)	VOLUME (m³)
SPORTS FIELD	6804	300	680
CB13	399	270	35.9
CB11, CB17-3, CB17-4, CB17-6	2120	300	175.0
		TOTAL	890.9

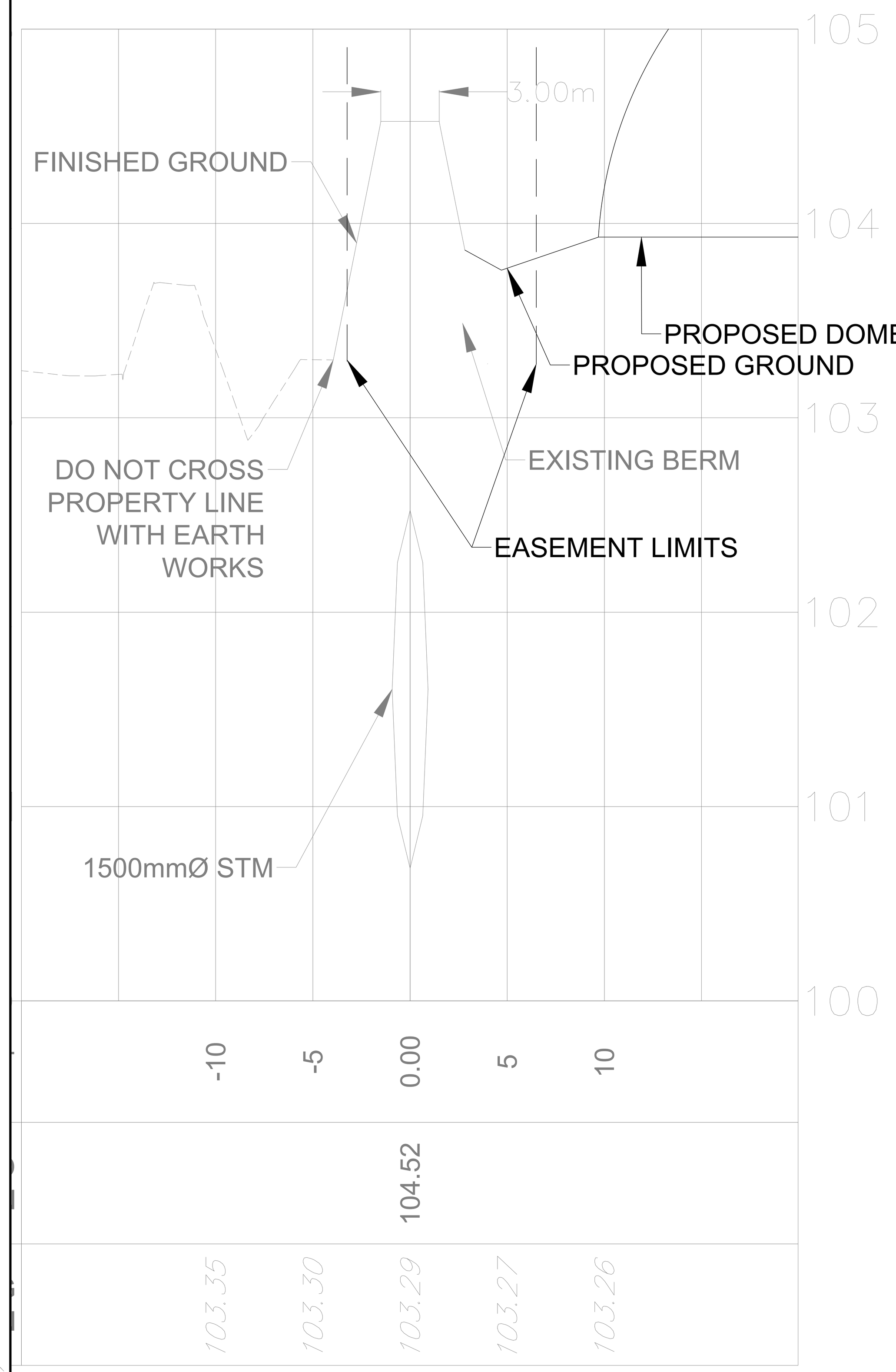
PAVEMENT DESIGN
(REFER TO GEOTECHNICAL REPORT:OTT-00212742-A0
TABLE NO. III, PROVIDED BY EXP. SERVICES INC.
DATED NOVEMBER 1, 2013)

Table No. III: Recommended Pavement Structure Thicknesses for Running Tracks, Playground, Light & Heavy Duty Pavement

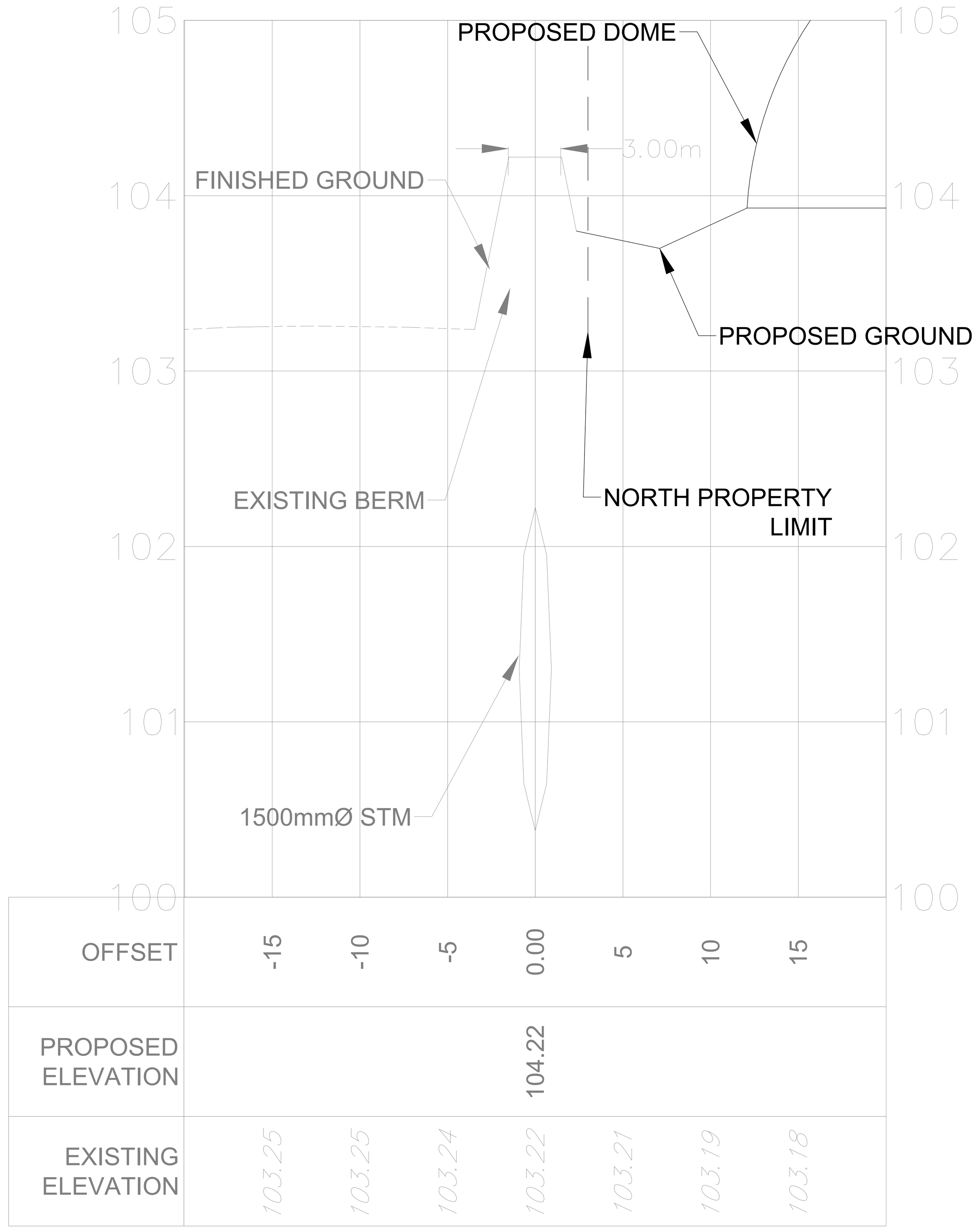
Pavement Layer	Compaction Requirements	Computed Pavement Structure: Running Tracks and Unpaved Pathways	Asphalt Paths	Light Duty (Cars Only)	Heavy Duty (Bus & Truck Routes)	Gravel Fire Route
Asphaltic Concrete (PG 58-34)	92-96% MRD	-	50mm SC	65mm SC	50mm SC 60mm BC	-
Stone Dust	100% SPMDD	75mm	-	-	-	50mm
OPSS 1010 Granular 'A' Base (crushed limestone)	100% SPMDD*	NA	150mm	150mm	150mm	250mm
OPSS 1010 Granular 'B' II Sub-Base	100% SPMDD**	300mm	200mm	450mm**	600mm**	700mm
Subgrade	Engineered Fill/approved Fill as per specifications or Native Subgrade Material					

Notes:
*SPMDD denotes standard Proctor maximum dry density, ASTM, D-698.
MRD denotes Maximum Relative Density, ASTM D2041.
The upper 300mm of the subgrade fill must be compacted to 98% SPMDD.
SC Denotes Surface course asphalt and may comprise of Marshall HL3 Mix or SP 12.5mm (Cat C) Superpave Mix.
BC Denotes Base course asphalt and may comprise of Marshall HL8 Mix or SP 19mm (Cat C) Superpave Mix.
**INCREASE THE SUB-BASE DEPTH BY 150mm OVER THE SEWER TRENCHES AND PROVIDE A GEOTEXTILE OVER THE SUBGRADE.

SL-8
0+105.099
SCALE : 500 HORIZ.
50 VERT.



SL-9
0+229.098
SCALE : 500 HORIZ.
50 VERT.



2 C002 **EASEMENT CROSS SECTIONS**
SCALE= 1:500

SCALE: 1:500

APPROVED
By Derrick Moodie at 12:04 pm, Sep 10, 2018

DERRICK MOODIE
MANAGER
PLANNING, INFRASTRUCTURE & ECONOMIC DEVEVELOPMENT DEPARTMENT, CITY OF OTTAWA

CONSEIL DES ÉCOLES CATHOLIQUES DE LANGUE FRANÇAISE DU CENTRE-EST
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ISSUE NO.	REV. NO.	DATE YYYY/MM/DD	ISSUE
10	9	2018-08-20	REISSUED FOR SITE PLAN CONTROL
9	8	2018-07-20	REISSUED FOR SITE PLAN CONTROL
8	7	2018-06-05	BOUNDARY FOR 20, 21, 22
7	6	2018-05-17	ISSUED FOR TENDER
6	5	2018-05-04	RE-ISSUED FOR SITE PLAN CONTROL
5	4	2018-04-27	ISSUED FOR BUILDING PERMIT
4	3	2018-03-08	RE-ISSUED FOR SITE PLAN CONTROL
3	2	2018-02-05	ISSUED FOR SITE PLAN CONTROL
2	1	2018-01-30	ISSUED FOR REVIEW
1	0	2018-01-23	SITE PLAN REVISION

LEGEND

Symbol	Description
104.31	EXISTING GRADE ELEVATION
STMH3	EXISTING STORM MANHOLE
CB22	EXISTING CATCH BASIN
MH-S	EXISTING SANITARY MANHOLE
WV	EXISTING VALVE AND BOX
FH	EXISTING FIRE HYDRANT
ST — ST	EXISTING STORM SEWER
S — S	EXISTING SANITARY SEWER
TG103.47	PROPOSED TOP OF GRATE
103.87TC 103.72	PROPOSED TOP AND BOTTOM OF CURB
3.4%	PROPOSED GRADE SLOPE
LCB 17-11	PROPOSED LANDSCAPE CATCH BASIN
STMH	PROPOSED STORM MANHOLE
CB	PROPOSED STORM CATCH BASIN
CBMH	PROPOSED STORM CATCH BASIN MANHOLE
SANMH	PROPOSED SANITARY MANHOLE
STM	PROPOSED STORM SEWER
SAN	PROPOSED SANITARY SEWER
W	PROPOSED WATERMAIN
	PROPOSED VALVE AND BOX
	PROPOSED REDUCER
FH	PROPOSED FIRE HYDRANT
M	NEW WATER METER FOR DOME
R	NEW REMOTE READOUT FOR WATER METER
	DRAINAGE SUB-AREA BOUNDARY
- - - -	PONDING LIMIT
	PROPOSED CLAY DYKE

TRUE NORTH
PLAN NORTH

REGISTERED PROFESSIONAL ENGINEER
J. C. JOHNSTON
Aug. 20, 2018
PROVINCE OF ONTARIO

PROJECT TITLE/TITRE DU PROJET
ÉCOLE SECONDAIRE CATHOLIQUE PAUL-DESMARAIS - DOME
5315 ABBOTT STREET
OTTAWA, ON

CONSEIL DES ÉCOLES CATHOLIQUES DE DU CENTRE-EST
4000, RUE LABELLE, OTTAWA, ON K1J 1A1

DRAWING TITLE/TITRE DU DESSIN
GRADING PLAN

SCALE / ÉCHELLE	AS NOTED	PROJ. No 17M-02044-00	ISSUE No 10	REV. No 9
DRAWN BY / DESSINÉ PAR	B.N.	DRAWING/DESSIN		
CHECKED BY / VÉRIFIÉ PAR	J.J.	C002		
DATE	October 13, 2017	ACAD FILE/FICHIER: 17M-02044-00_C002-3.DWG		

D07-12-18-0026
17627

CITY FILE No.: D07-12-13-0234, D02-02-13-0127