

NOTES:
 THESE DRAWINGS SHALL NOT BE SCALED.
 THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
 ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
 ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
 WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
 WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

1.0 CIVIL CONSTRUCTION NOTES
 1 REMOVE ALL ORGANIC MATERIAL & TOPSOIL IN THE CONSTRUCTION AREA AND STORE MATERIAL FOR FUTURE USE.
 2 EXCAVATE TO SPECIFIED SUB-GRADE ELEVATION & STORE MATERIAL FOR FUTURE USE.
 3 COMPACT SUB-GRADE IN THE BUILDING & GRAVEL AREA.
 4 PLACE & COMPACT SUB-BASE GRANULAR MATERIAL.
 5 PLACE & COMPACT BASE COURSE MATERIAL.
 6 SUPPLY & INSTALL CULVERT.
 7 STOCKPILE (STRIPPED TOP SOIL).
 8 ROUGH GRADE FOR FUTURE SODDING
 9 ALL DAMAGE TO NON-CONSTRUCTION AREA TO BE RESTORED TO ORIGINAL CONDITION.

CITY OF WINNIPEG SPECIFICATION
 CW 3010
 CW 3110
 CW3110
 CW3150
 CW 3150
 CW 3610

ORIGINAL STAMPED BY: W.P. WOLFE
 DATE: 2012-02-01



DRN	CDS	APP	W/PV	MEC DWG No.	REV
CHK	W/PV	DATE	2012-02-01	11001	1

1	RAISED FINISH FLOOR TO 230.15 EXPANDED PAVING LOT, RELOCATED ENTRANCE	W.W.	12-02-21
No.	REVISION/DESCRIPTION	BY	DATE

DRAWN	MMW	CHECKED	DESIGNED	REL	APPROVED
DATE	2010.07.22	USER	APPROVAL		

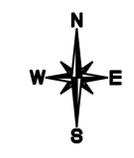
THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND
 DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 WHITTIER PARK
 STORAGE BUILDING

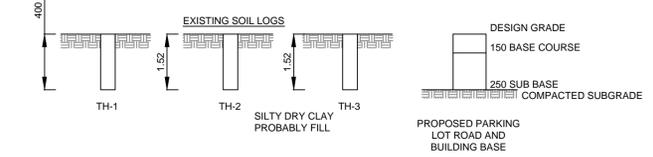
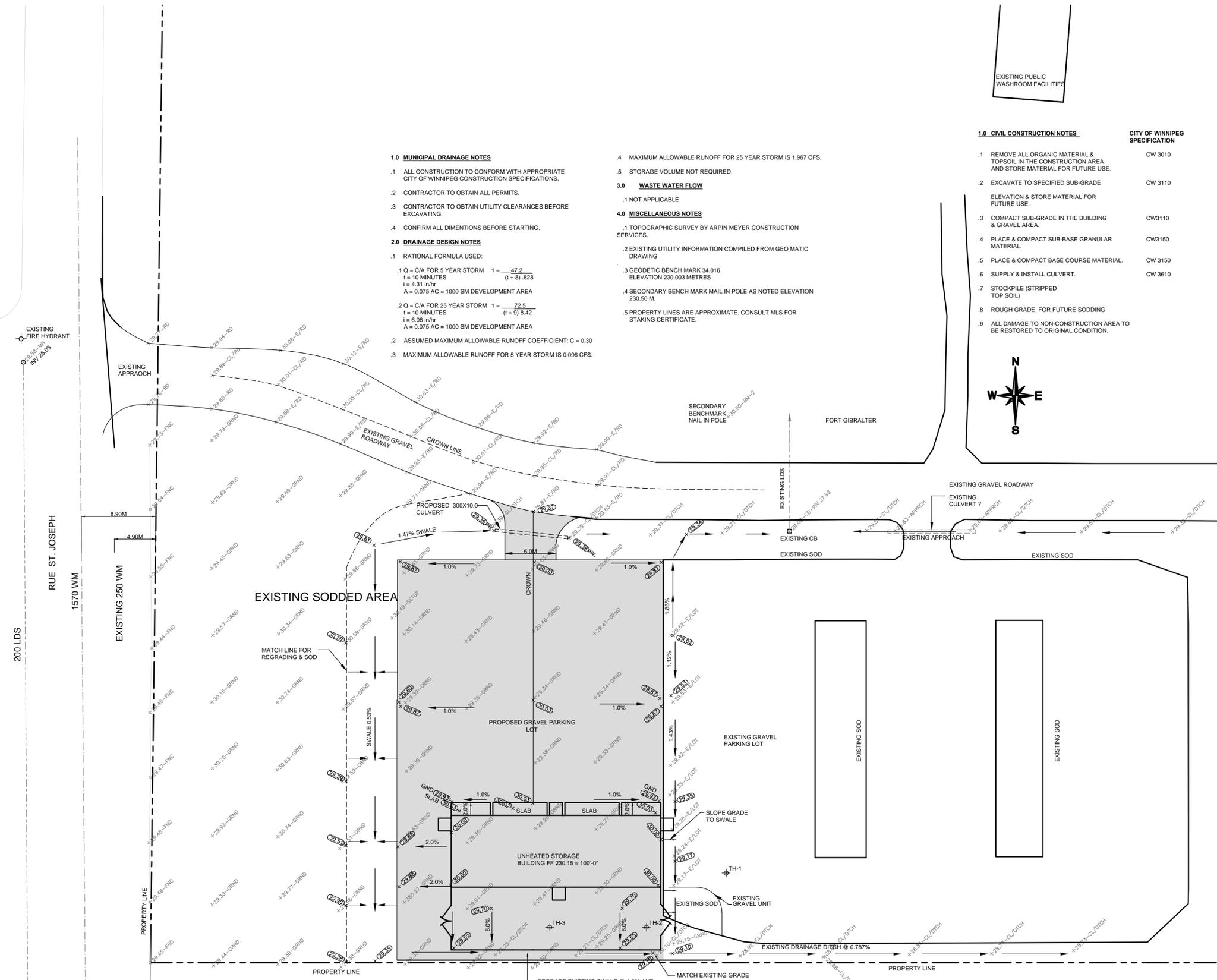
836 RUE ST. JOSEPH

SHEET TITLE
 CIVIL SITE PLAN
 NEW STORAGE BUILDING PARKING LOT
 AND DRAINAGE

SCALE 1:250 PROJECT No: 2010-031 SHEET No: C1



- 1.0 MUNICIPAL DRAINAGE NOTES
 1 ALL CONSTRUCTION TO CONFORM WITH APPROPRIATE CITY OF WINNIPEG CONSTRUCTION SPECIFICATIONS.
 2 CONTRACTOR TO OBTAIN ALL PERMITS.
 3 CONTRACTOR TO OBTAIN UTILITY CLEARANCES BEFORE EXCAVATING.
 4 CONFIRM ALL DIMENSIONS BEFORE STARTING.
- 2.0 DRAINAGE DESIGN NOTES
 1 RATIONAL FORMULA USED:
 $1. Q = C/A \text{ FOR 5 YEAR STORM } 1 = \frac{47.2}{(1+8) 828}$
 $i = 4.31 \text{ in/hr}$
 $A = 0.075 \text{ AC} = 1000 \text{ SM DEVELOPMENT AREA}$
 $2. Q = C/A \text{ FOR 25 YEAR STORM } 1 = \frac{72.5}{(1+9) 8.42}$
 $i = 6.08 \text{ in/hr}$
 $A = 0.075 \text{ AC} = 1000 \text{ SM DEVELOPMENT AREA}$
 2 ASSUMED MAXIMUM ALLOWABLE RUNOFF COEFFICIENT: C = 0.30
 3 MAXIMUM ALLOWABLE RUNOFF FOR 5 YEAR STORM IS 0.096 CFS.
- 4 MAXIMUM ALLOWABLE RUNOFF FOR 25 YEAR STORM IS 1.967 CFS.
 5 STORAGE VOLUME NOT REQUIRED.
- 3.0 WASTE WATER FLOW
 1 NOT APPLICABLE
- 4.0 MISCELLANEOUS NOTES
 1 TOPOGRAPHIC SURVEY BY ARPIN MEYER CONSTRUCTION SERVICES.
 2 EXISTING UTILITY INFORMATION COMPILED FROM GEO MATIC DRAWING
 3 GEODETIC BENCH MARK 34.016 ELEVATION 230.003 METRES
 4 SECONDARY BENCH MARK NAIL IN POLE AS NOTED ELEVATION 230.50 M.
 5 PROPERTY LINES ARE APPROXIMATE. CONSULT MLS FOR STAKING CERTIFICATE.



SYMBOL	DESCRIPTION
(Symbol)	REGULATING WATER
(Symbol)	CONTROL POINT
(Symbol)	WATERMANN
(Symbol)	HYDRANT
(Symbol)	VALVE
(Symbol)	STORM SEWER
(Symbol)	SANITARY SEWER
(Symbol)	MANHOLE
(Symbol)	CATCH BASIN
(Symbol)	CURB INLET
(Symbol)	JUNCTION
(Symbol)	CULVERT
(Symbol)	PROPERTY LINE
(Symbol)	SURVEY BAR
(Symbol)	SERIAL VALVE
(Symbol)	SEWER SHAMP
(Symbol)	RIDGE
(Symbol)	ELEVATION
(Symbol)	DRAINAGE FLOW
(Symbol)	EXISTING
(Symbol)	LEGEND-PLAN
(Symbol)	PROPOSED

ISSUED FOR 95% REVIEW
 2011 06 27

SITE PLAN - NEW STORAGE BUILDING
 SCALE: 1:250