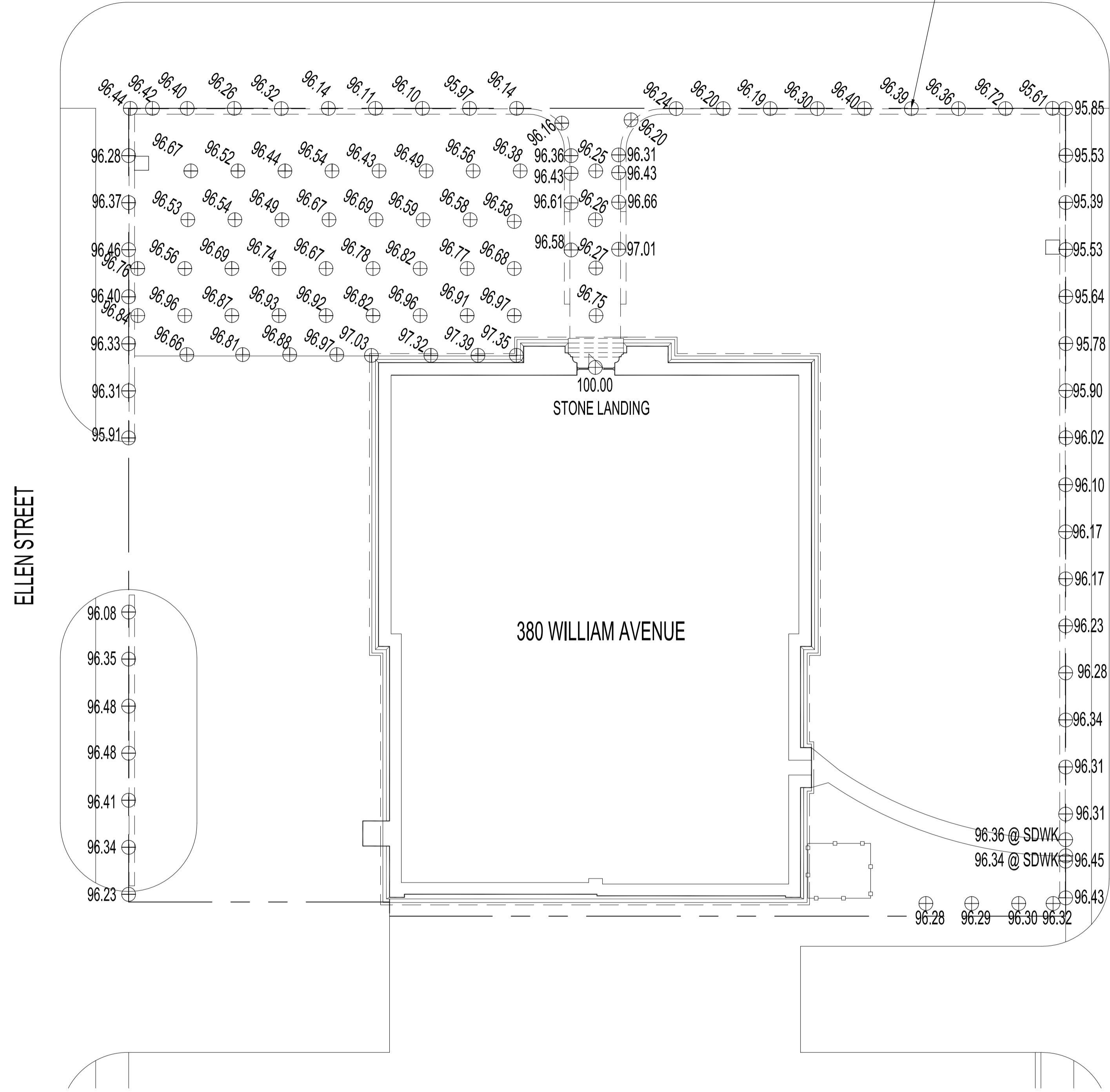


FILE NAME: 200808010.dwg(S1) DATE: 2009.08.25 DESCRIPTION: SITE PLAN-SURVEY DATA-EXISTING CONDITIONS, NOTES & SPECS. PROJECT No: 2008-080 ADDRESS: 380 WILLIAM AVENUE



WILLIAM AVENUE

DATUM POINTS @ PROPERTY BOUNDARY ARE TOP OF STREET SIDEWALK SLAB, ADJACENT TO EXISTING FENCE CURB



SITE PLAN-EXISTING SURVEY DATA
SCALE: 1/16"=1'-0"

LEGEND
96.97 ⊕ EXISTING SURVEY DATUM POINTS

GENERAL NOTES & SPECIFICATIONS

1. DO NOT SCALE DRAWINGS.
2. ALL DIMENSIONS MUST BE FIELD VERIFIED AND CONFIRMED ON-SITE BY THE CONTRACTOR.
3. REPORT DEVIATIONS IN FIELD CONDITIONS OR DESIGN DRAWINGS TO THE CONTRACT ADMINISTRATOR.
4. THE CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND ESTABLISHING ALL WORK ELEVATIONS, LINES AND POINTS, AND ANCHOR BOLT LOCATIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND LOCATING ALL UTILITIES AND SERVICES ON THE SITE.
6. PROTECT EXISTING SITE STRUCTURES, UTILITIES AND TREES DURING THE WORK.
7. PROVIDE SITE CLEAN-UP AT THE END OF THE WORK, TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.

DESIGN LOADS

1. RAMP STRUCTURE DESIGNED FOR 100psf LIVE LOAD.

2. PILING DESIGNED AS CAST-IN-PLACE FRICTION PILES WITH FROST PROTECTION. DESIGN SKIN FRICTION =300 psf.

CONSTRUCTION MATERIALS

1. PREPARATION AND USE OF ALL PROPRIETARY AND THIRD PARTY PRODUCTS SHALL BE IN FULL ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS.
2. NO PRODUCT SUBSTITUTIONS WITHOUT PRIOR REVIEW AND APPROVAL OF THE CONTRACT ADMINISTRATOR.
3. PROVIDE MATERIAL / PRODUCT SAMPLES OR MOCK-UPS AS IDENTIFIED IN PROJECT DRAWINGS, SPECIFICATIONS, OR UPON REQUEST BY THE CONTRACT ADMINISTRATOR.

CONCRETE

1. CONCRETE MATERIALS AND PLACEMENT SHALL CONFORM TO CAN/CSA - A23.1-04 .
2. REINFORCING STEEL SHALL CONFORM TO CAN/CSA - G-30.18 GRADE 400W.
3. REINFORCING STEEL SHALL BE FACTORY EPOXY COATED FOR ALL RAMP STRUCTURES AND FENCE CURBS.

CONCRETE PILING:

30 MPa CLASS S-1 EXPOSURE, MAX. WATER /CEMENT RATIO 0.40, MAX. COURSE AGGREGATE SIZE 40mm, AIR ENTRAINMENT 4-7%, MAX 90mm SLUMP.

CONCRETE RAMP STRUCTURES:

LAFARGE ARTEVIA COLOURED CONCRETE TO MATCH TYNDALL STONE AT SITE -35 MPa , CLASS C-1 EXPOSURE, MAX. WATER /CEMENT RATIO 0.40, MAX. COURSE AGGREGATE SIZE 20mm, AIR ENTRAINMENT 5-8%, 80mm ± 30mm SLUMP PRIOR TO ADDING SUPER PLASTICIZER, 200mm MAX. SLUMP WITH SUPER PLASTICIZER. NO WATER TO BE USED TO RE-TEMPER LOADS -USE ONLY SUPER PLASTICIZER. VIBRATION REQUIRED FOR SIDE WALLS. FINISH: SMOOTH FORM FINISH, NON-SLIP BROOM FINISH ON RAMP DECK. PROVIDE MOCK-UP /SAMPLE OF COLOUR MATCH, AS CURED, FOR ACCEPTANCE BY THE CONTRACT ADMINISTRATOR.

CONCRETE FENCE CURB:

35 MPa, CLASS C-1 EXPOSURE, MAX. WATER /CEMENT RATIO 0.40, MAX. COURSE AGGREGATE SIZE 20mm, AIR ENTRAINMENT 5-8% 80mm ± 30mm SLUMP PRIOR TO ADDING SUPER PLASTICIZER, 200mm MAX. SLUMP WITH SUPER PLASTICIZER. NO WATER TO BE USED TO RE-TEMPER LOADS -USE ONLY SUPER PLASTICIZER. VIBRATE THOROUGHLY UPON PLACEMENT. SMOOTH FORM FINISH.

CONCRETE-SLAB ON GRADE:

REFER TO DRAWINGS

MASONRY

MASONRY CONSTRUCTION & MATERIALS SHALL CONFORM TO CAN /CSA -A371-04 & CAN /CSA -A179-04.

STEEL

1. SUPPLY AND FABRICATION OF STEEL COMPONENTS SHALL MEET THE REQUIREMENTS OF: STRUCTURAL SHAPES -CAN/CSA G40.20/G40.21 OR ASTM A992/A992M; BARS -CAN3 -G312.1/G312.2; BOLTS -A325; WELDING -CAN/CSA-S16 AND CSA W59.

2. NEW ASSEMBLIES SHALL BE SHOP FABRICATED TO THE FULLEST EXTENT POSSIBLE. FIELD WORK SHALL BE LIMITED TO INSTALLATIONS, REPAIRS, AND TOUCH UPS, UNLESS NOTED OTHERWISE.

3. PRIOR TO FABRICATION -SUBMIT SHOP DRAWINGS FOR ALL GUARDRAIL & HANDRAIL COMPONENTS AND ASSEMBLIES, IDENTIFY MATERIALS, QUANTITIES, DIMENSIONS, WELDING AND FINISHES.

FINISHES

CONCRETE: AS SPECIFIED

TYNDALL STONE:

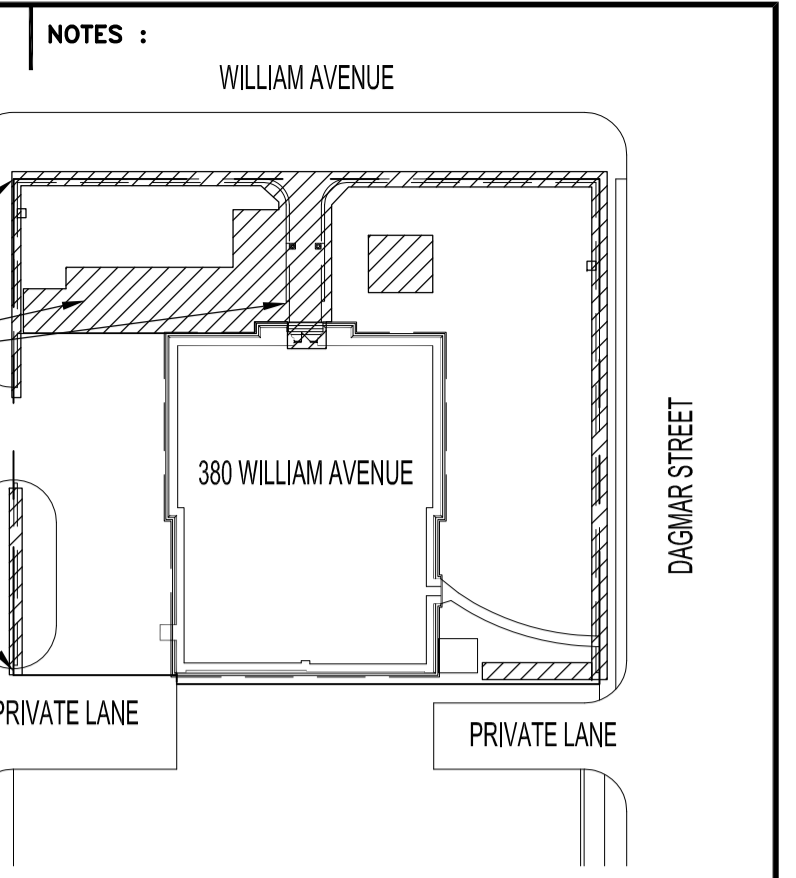
BLOCK, CUT AND SUPPLIED TO REQUIRED SIZES/ FEATURES. SMOOTH FACED SURFACE MATCHING EXISTING STONE BUILDING WALLS.

GUARDRAIL:

FABRICATED ASSEMBLIES SHALL BE SANDBLASTED AND GALVANIZED, FOLLOWED BY SPRAY APPLICATION OF ACID WASH ETCH PRIMER AND EXTERIOR GRADE, LOW GLOSS URETHANE TOPCOAT, COLOUR BLACK.

HANDRAIL:

STAINLESS STEEL COMPONENTS AND ASSEMBLIES SHALL BE TREATED AND FINISHED FOR OUTDOOR SERVICE.



KEY PLAN
SCALE: N.T.S.

DRAWING LIST

SHEET No:	SHEET TITLE
S1	SITE PLAN: SURVEY DATA -EXISTING CONDITIONS, NOTES & SPECIFICATIONS
S2	SITE PLAN: EXISTING SERVICES & DEMOLITION
S3	PILING PLAN
S4	NEW PERIMETER FENCE & WALKWAY PLAN
S5	NEW PERIMETER FENCE & CURB -ELEVATIONS & PILING
S6	PARTIAL SITE PLAN -RAMP, MAIN LANDING & WALKWAY LAYOUT
S7	STRUCTURAL SECTIONS & DETAILS
S8	STRUCTURAL SECTIONS, DETAILS & SCHEDULES
S9	GUARDRAIL & HANDRAIL ELEVATIONS, SECTIONS & DETAILS
L1	PARTIAL SITE PLAN -LANDSCAPING, PLANT & TREE SECTIONS
L2	LANDSCAPING SPECIFICATIONS

ORIGINAL STAMPED BY: B. C. PINIUTA, P.ENG.
DATE: 2009.10.08

NO.	REVISION/DESCRIPTION	BY	DATE
SEALS			

DRAWN BY	MMK	CHECKED BY	APPROVED
DATE	2009.08.25	USER	APPROVAL

CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4

PROJECT
CITY ARCHIVES BUILDING
BARRIER FREE ACCESS TO ENTRANCE
& FENCE RECONSTRUCTION
380 WILLIAM AVENUE

SHEET TITLE
SITE PLAN
SURVEY DATA -EXISTING CONDITIONS,
NOTES & SPECIFICATIONS

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2008-080	S1