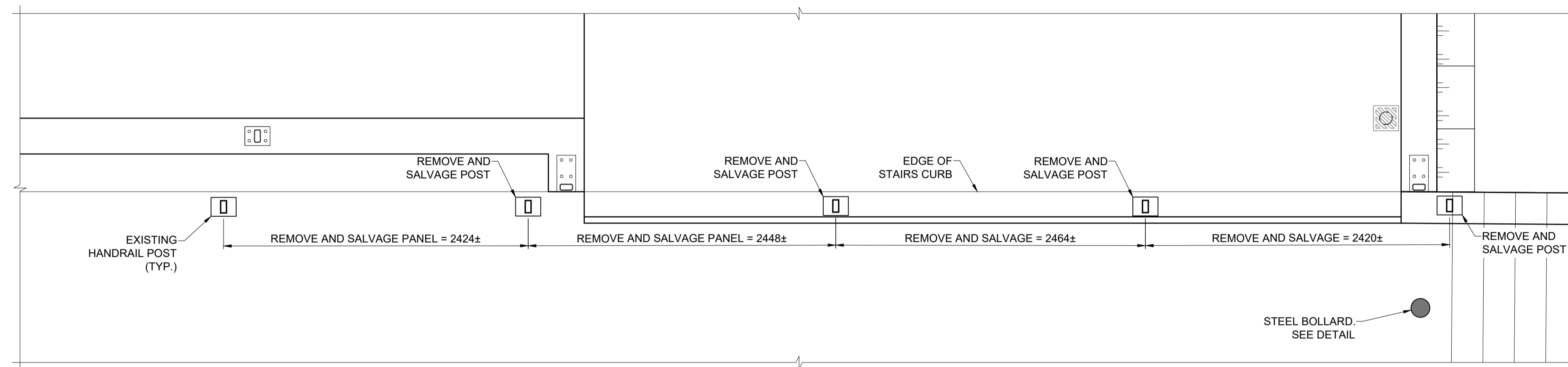
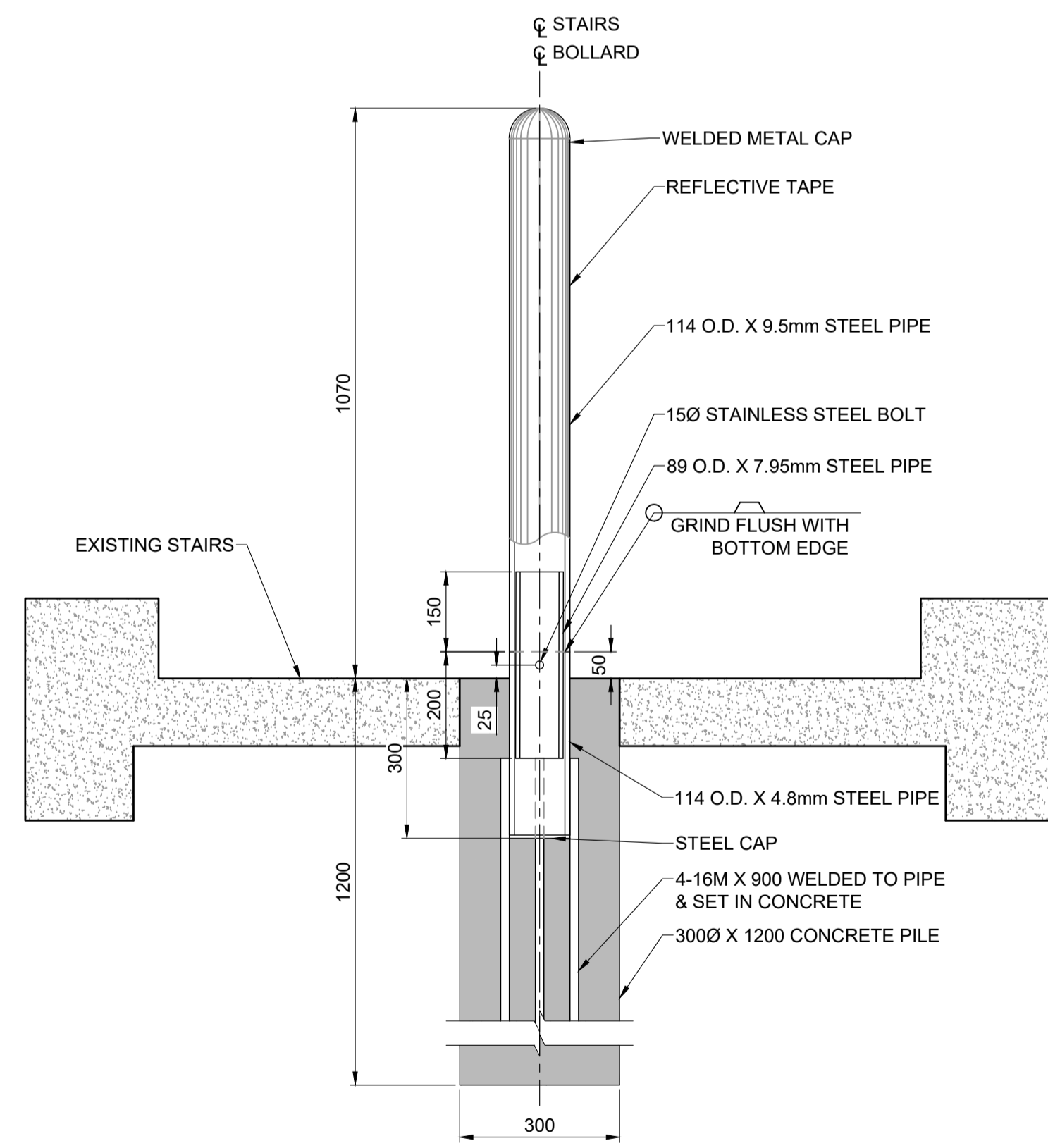


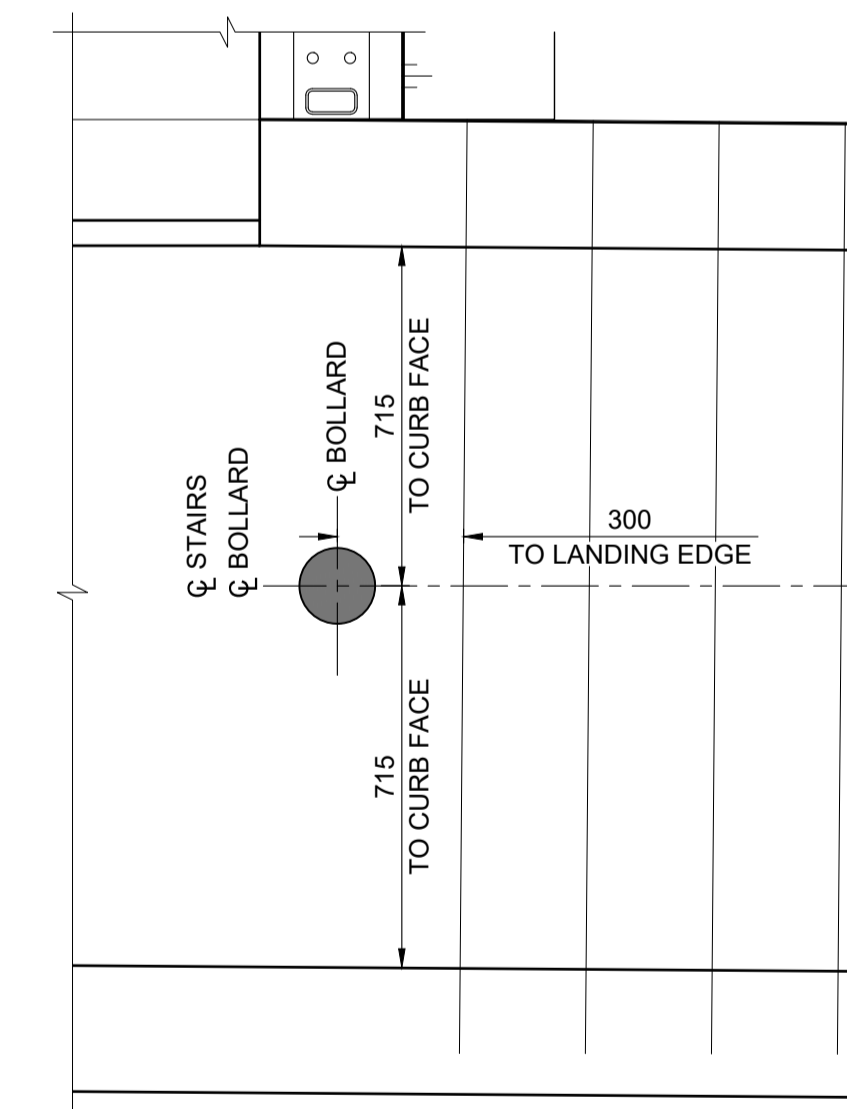
CURB REMOVAL PLAN
SCALE: 1:25



HANDRAIL REMOVAL PLAN
SCALE: 1:25



STEEL REMOVABLE BOLLARD DETAIL
SCALE: 1:10



STEEL BOLLARD LOCATION PLAN
SCALE: 1:15

- NOTES:**
- * WALL BATTER ASSUMED AT A MAX OF 6 DEGREES. DESIGN OF WALL BY MODULAR BLOCK RETAINING WALL SUPPLIER.
 - ** WELL GRADED COMPACTED AGGREGATE FOOTINGS DISPLAYED AT ASSUMED 600 BY 1200 DIMENSIONS. DESIGN OF FOOTING BY MODULAR BLOCK RETAINING WALL SUPPLIER.
 - FOR TYPICAL SLAB CROSS SECTION DIMENSIONS SEE SHEET 120.
 - ALL EXPOSED CONCRETE CORNERS TO HAVE A 20mm CHAMFER UNLESS NOTED OTHERWISE.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

NO.	REVISIONS	DATE	BY
A	ISSUED FOR TENDER	18/09/04	BAP

DESIGNED BY	YM	CHECKED BY	BAP
DRAWN BY	ALP	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	N/A
VERT SCALE	AS SHOWN		

MORRISON HERSHFELD

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
B.A.F. PHILLIPS
Member
32723
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

EMPRESS STREET PROJECT
PEDESTRIAN ACCESSIBILITY RAMPS
SOUTH RAMP
CONCRETE AND HANDRAIL REMOVALS

CITY DRAWING NUMBER
P-3494-127

SHEET 127 OF 168

DRAWING No. REV
127 A

BID OPPORTUNITY No. 602-2018