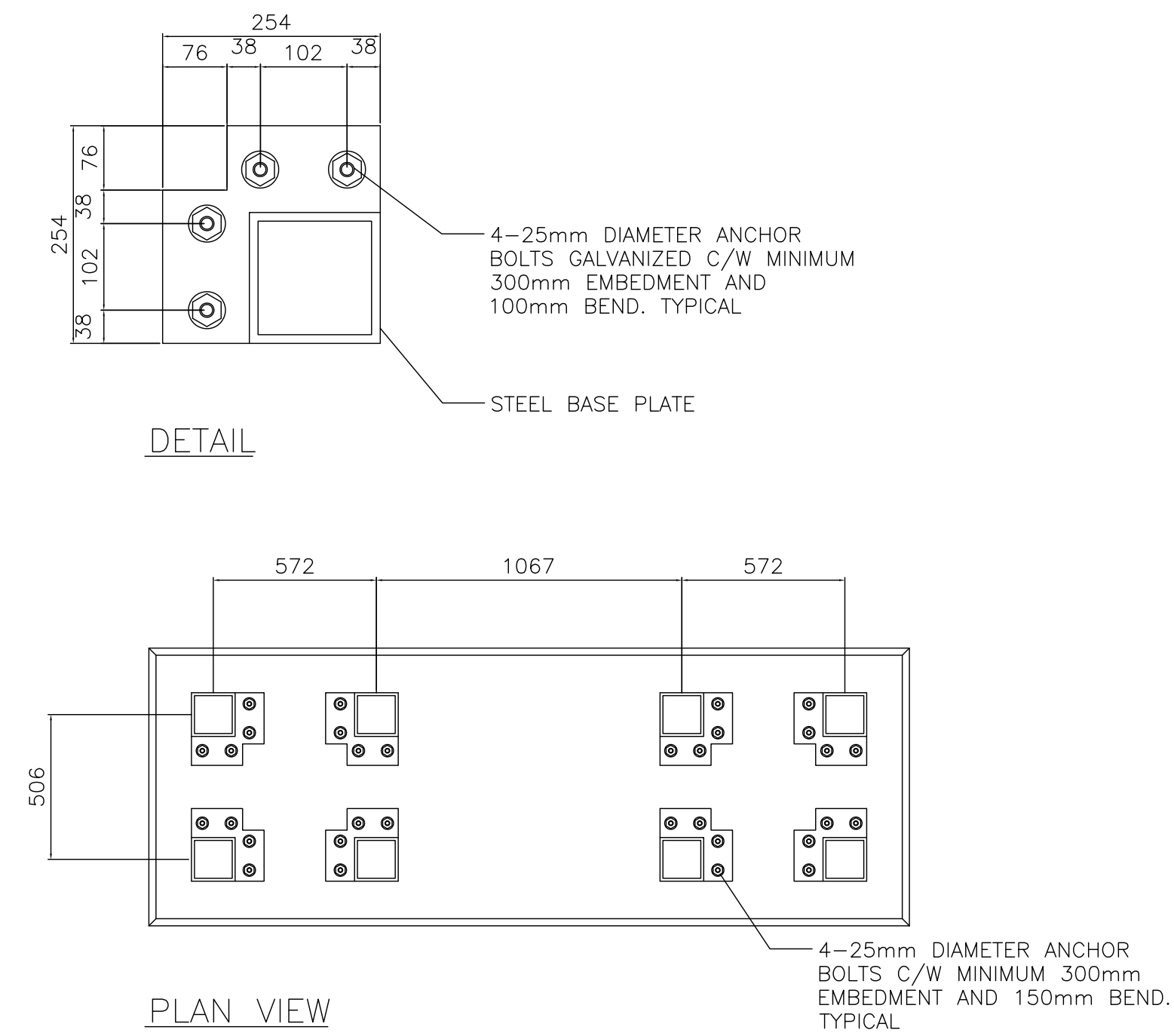


SECTION A-A

STRUCTURAL STEEL COLUMN FOR ARCHWAY
N.T.S.



ANCHOR BOLTS FOR ARCHWAY
N.T.S.

GENERAL NOTES:

- ALL RELEVANT CSA CODES, PROVINCIAL BUILDING CODE, WORKMAN'S COMPENSATION BOARD, AND LOCAL BY-LAWS SHALL APPLY TO ALL WORK PERFORMED FOR THIS PROJECT.
- ALL DIMENSIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
- REFER ALSO TO WRITTEN SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND SAFETY OF ALL TEMPORARY SHORINGS, BRACING, FORM WORK AND SCAFFOLDING WORK IN THIS PROJECT. ALL COSTS SHALL BE INCIDENTAL TO THE WORK.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE CONTRACT ADMINISTRATOR OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VERIFY AND PAY SPECIAL ATTENTION TO THE VERTICAL AND HORIZONTAL ALIGNMENTS OF THE STRUCTURE.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA (IN GOOD STANDING).
- THE CONTRACTOR SHALL ENSURE ALL MATERIALS ARE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- ALL UTILITIES ARE SHOWN AS INFORMATION ONLY. CONTRACTOR TO CONFIRM LOCATION OF ALL UTILITIES ON SITE PRIOR TO CONSTRUCTION.
- CONTRACTOR TO PROTECT ALL TREES, POLES, AREAWAYS ETC. TO REMAIN TO CITY OF WINNIPEG STANDARDS.
- TRAFFIC SIGNALS CLEARANCE REQUIRED PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES.
- CONTACT CUSTOMER TECHNICAL SERVICES BRANCH (986-3322) FOR CLEARANCE OF EX. WATER AND WASTE DEPT. PLANT 48 HOURS PRIOR TO CONSTRUCTION.
- NO LANE CLOSURES ON REGENT AVE. DURING 7:00AM-9:00AM, 3:30PM-5:30PM, MON-FRI. ALL TEMPORARY TRAFFIC CONTROL AS PER THE MANUAL OF TEMPORARY TRAFFIC IN WORK ZONES ON CITY STREETS.
- TRAFFIC SIGNALS CLEARANCE REQUIRED PRIOR TO CONSTRUCTION. CONTRACTOR TO CALL 986-4193 MANUAL OF TEMPORARY TRAFFIC IN WORK ZONES ON CITY STREETS.

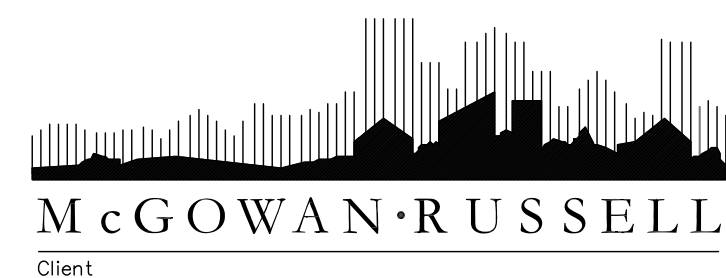
STRUCTURAL NOTES:

- ALL STEEL SHALL BE IN ACCORDANCE WITH G40.21-300W. EXCEPT HSS SECTIONS TO G40.21-350W.
- ALL STEEL DETAILING AND FABRICATION INCLUDING ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST CSA S16.1 STANDARD.
- ALL WELDING OF STRUCTURAL STEEL SHALL CONFORM TO CSA W59-77. FABRICATOR SHALL BE CERTIFIED IN ACCORDANCE WITH CSA W47.1.
- THE STEEL SUPPLIER SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL STRUCTURAL STEEL CONNECTIONS NOT EXPLICITLY SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA (IN GOOD STANDING).
- ALL STRUCTURAL STEEL SHALL BE GALVANIZED. ALL EXPOSED STRUCTURAL STEEL SHALL BE POWDERCOATED. POWDERCOATING COLOR TO BE DETERMINED BY CONTRACT ADMINISTRATOR.
- ALL REQUIRED DRYPACK GROUT SHALL BE "M-BED" OR "IN-PAKT"

SHOP DRAWING NOTES:

- SUBMIT FOUR COMPLETE SETS OF SHOP DRAWINGS TO ENGINEER FOR REVIEW MINIMUM THREE WEEKS PRIOR TO REQUIRED MANUFACTURE DATE.
- ALL SHOP DRAWINGS SHALL INCLUDE ALL LOADING DETAILS, DIMENSIONS, SIZES, OPENING LOCATIONS ETC.
- ALL SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA.
- SUBMIT SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
 - REINFORCING STEEL
 - STRUCTURAL STEEL
 - ALL STEEL CONNECTIONS

No.	Revisions	Date	By
04-27-10	NTS		
SR/AH	AH		TM



TRANSCONA BIZ
Project Title
**DOWNTOWN
TRANSCONA
REVITALIZATION**

Sheet Title
**ARCHWAY
DETAILS**

Project No. 09-050 Drawing No. S1.1