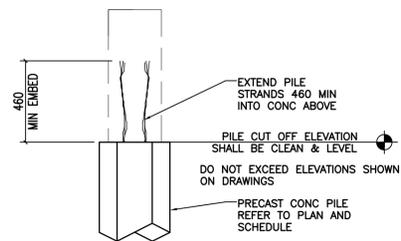


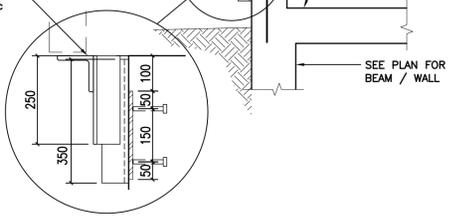
PROVIDE SINGLE CAP DETAIL FOR PILES EXCEEDING PLACEMENT CRITERIA



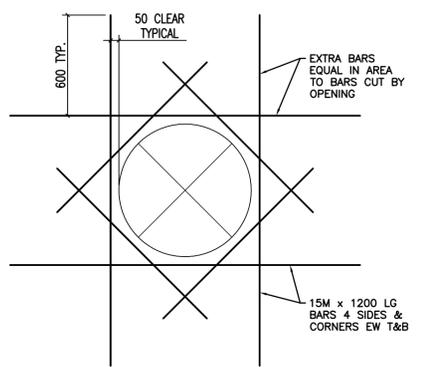
A TYP PRECAST PILE DETAIL
S0011 1:20

NOTE: ALL PILES NOT DRIVEN WITHIN THE TOLERANCES OUTLINED IN THE SPECIFICATIONS SHALL BE CUT AND CAPPED OR REPLACED AT THE DISCRETION OF THE ENGINEER, AT NO ADDITIONAL COST TO THE CONTRACT.

BRICK SUPPORT ANGLE ASSEMBLY-MRK A1 AT GRADE BEAM / WALL (HOT DIPPED GALVANIZED) L102x102x9.5 CONT & WELDED TO 2-L76x76x9.5 SPACER ANGLES WELDED TO 250x250x9.5 CAST IN WELD PL @ 1200 o/c AND 450 o/c MAX FROM ENDS c/w 4-16#x150 LG NELSON STUD ANCHORS @100o/c



E TYP VENEER SUPPORT DETAIL - MRK A3
S0011 1:20



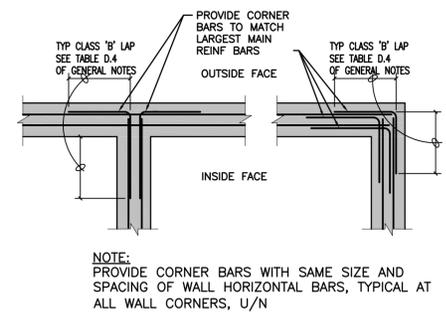
1 TYPICAL ADDNL REINF @ SLAB OPENINGS LESS THAN 600mm
S0011 1:20

NOTE: FOR HOLES UP TO 150# NO EXTRA BARS ARE REQUIRED, ADJUST STEEL AS REQUIRED AROUND HOLES

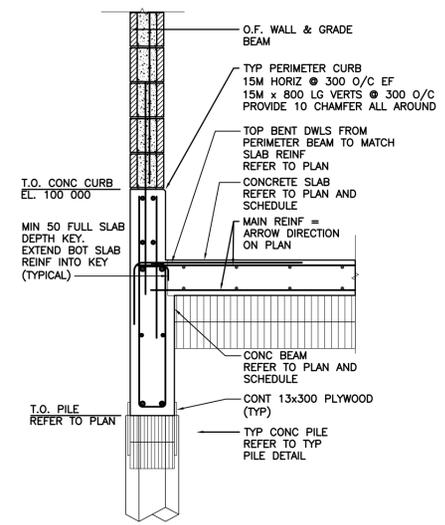


WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

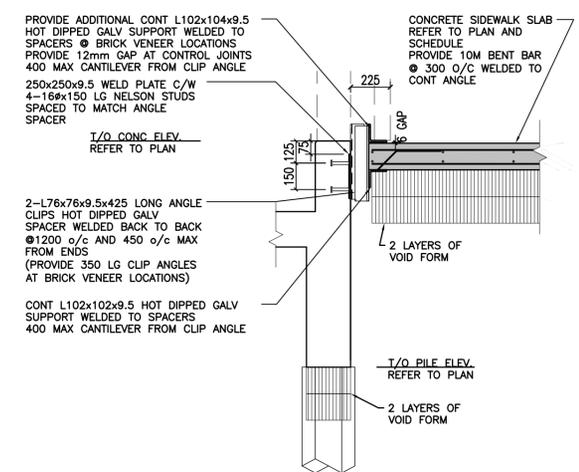
METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



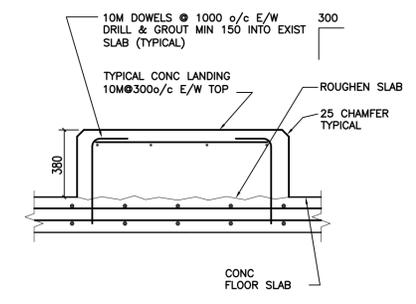
B TYPICAL CORNER BAR DETAILS FOR FNDN WALLS BEAMS AND LINTELS
S0011 1:20



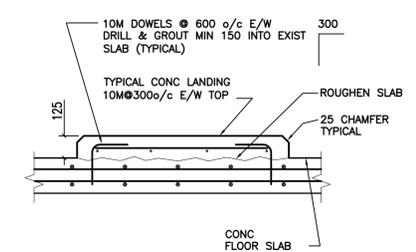
F TYP BEAM/CURB DETAIL
S0011 1:20



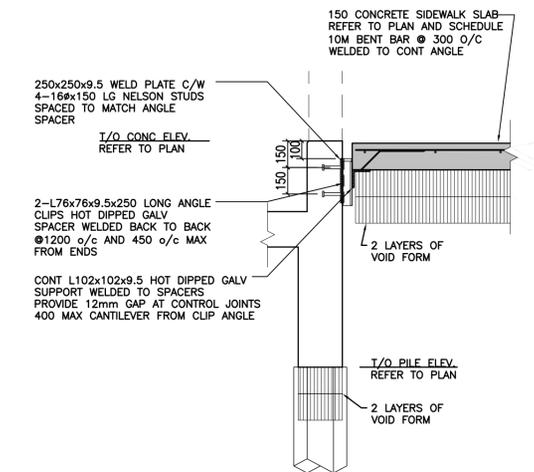
C TYP VENEER SUPPORT DETAIL @ SIDEWALK SLAB - MRK A1
S0011 1:20



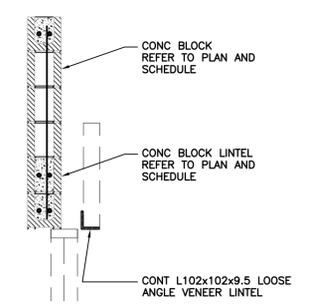
G TYP CONCRETE STAIR LANDING DETAIL
S0011 1:20



J TYP CONCRETE PAD DETAIL
S0011 1:20



D TYP ENTRANCE SLAB DETAIL @ OPENING - MRK A2
S0011 1:20



H TYPICAL LINTEL SUPPORT DETAIL
S0011 1:20

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE	DATE

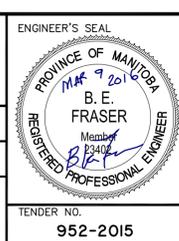
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
3	ISSUED FOR TENDER	16.03.09	B.F.
2	ISSUED FOR TENDER REVIEW	16.03.07	B.F.
1	ISSUED FOR 95% REVIEW	16.01.29	B.F.

Stantec
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www.stantec.com

DESIGNED BY	B.F.	CHECKED BY	B.W.
DRAWN BY	C.J.U.	APPROVED BY	S.K.B.

HOR. SCALE: AS NOTED
VERTICAL: RELEASED FOR CONSTRUCTION:
DATE: 2016.01.12



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

Winnipeg

NORTH END SEWAGE TREATMENT PLANT (NEWPC) HAULIED LIQUID WASTE FACILITY PHASE II UPGRADE

STRUCTURAL TYPICAL DETAILS AND SECTIONS

TENDER NO. 952-2015
CITY DRAWING NUMBER I-OIOIA-S0011-001
SHEET 3 OF 6