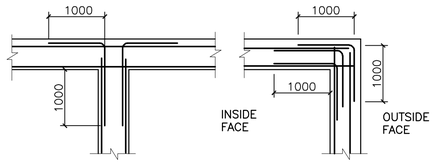
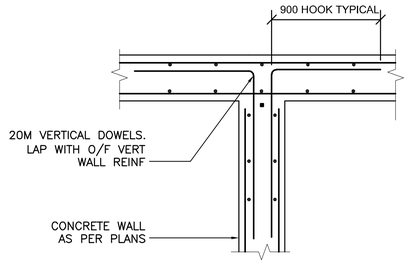
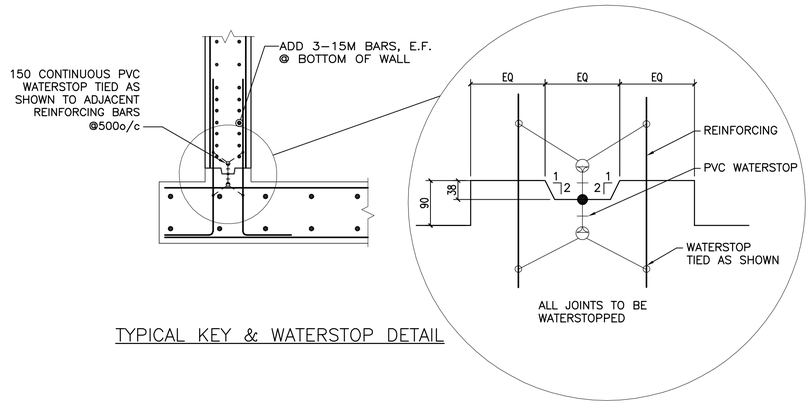


NOTE:
PROVIDE CORNER BARS WITH SAME SIZE AND SPACING OF WALL HORIZONTAL BARS, TYPICAL AT ALL WALL CORNERS, U/N

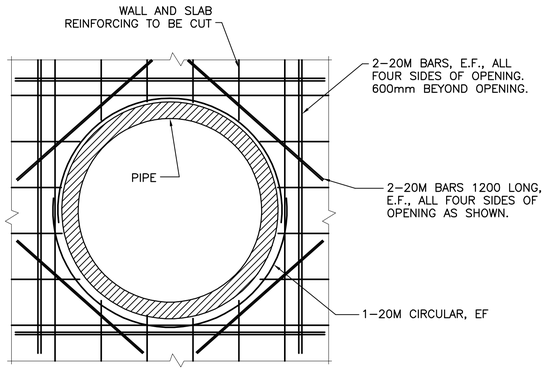
TYPICAL CORNER BAR PLAN DETAIL

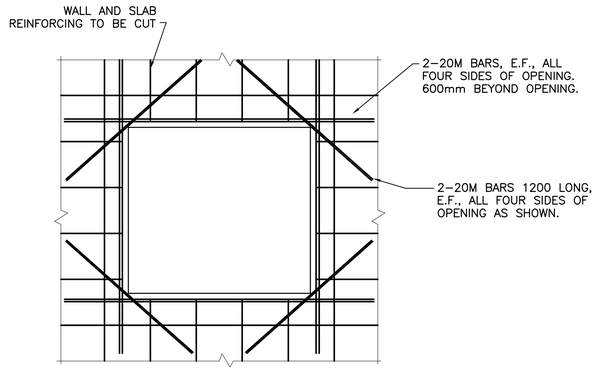


TYPICAL WALL / SLAB CONNECTION DETAIL

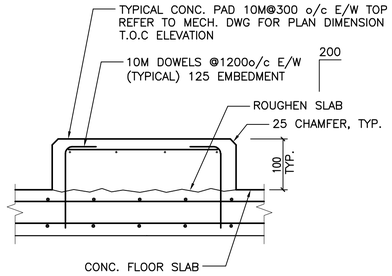


TYPICAL KEY & WATERSTOP DETAIL

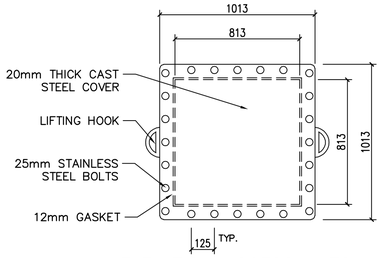




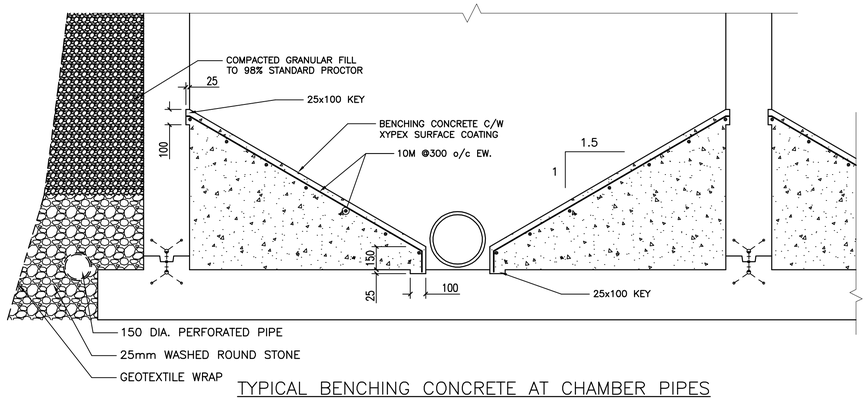
TYPICAL REINFORCING FOR OPEING ON SLAB AND WALL
(FOR OPENING SIZE 300 TO 1200)



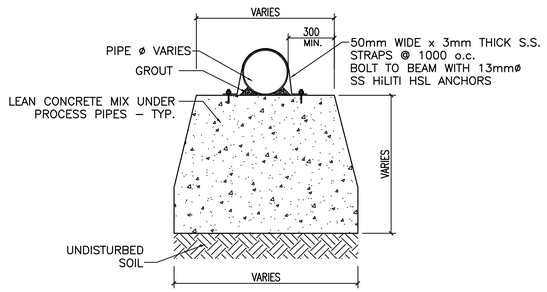
TYPICAL CONC. PAD DETAIL



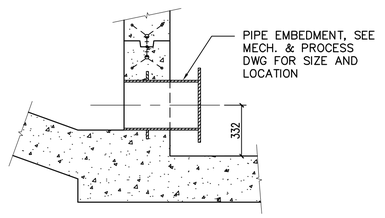
ELEVATION ACCESS HATCH



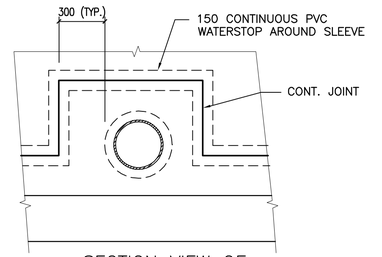
TYPICAL BENCHING CONCRETE AT CHAMBER PIPES



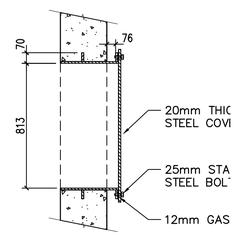
TYPICAL PIPE SUPPORT BEAM DETAIL



TYPICAL PIPE EMBEDMENT DETAIL



SECTION VIEW OF
TYPICAL PIPE EMBEDMENT DETAIL



SECTION ACCESS HATCH DETAIL

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:_____

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.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
A	ISSUED FOR TENDER	10.02.16	WO

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	M.H	CHECKED BY	T.D.
DRAWN BY	L.L	APPROVED BY	M.H.
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	
VERTICAL:			
DATE	09.11.23	DATE	

ENGINEER'S SEAL

BID OPPORTUNITY NO. 822-2009

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
HAULED WASTEWATER RECEIVING FACILITIES
LEACHATE RECEIVING BUILDING
TYPICAL DETAILS

CITY DRAWING NUMBER 1-0101A-S0006-001

SHEET 2 OF 4

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2015-02-16 07:09PM By: mattson

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