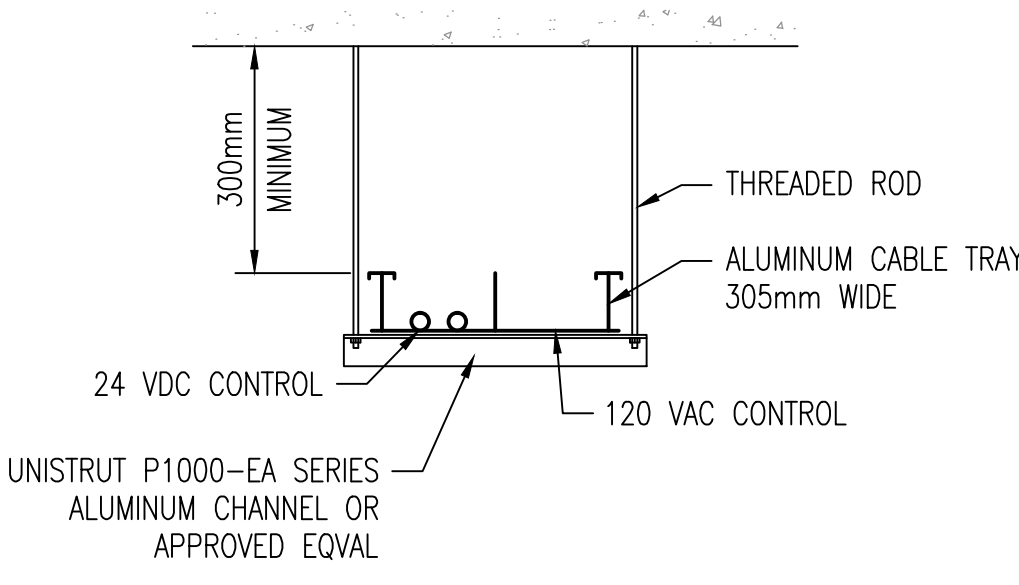
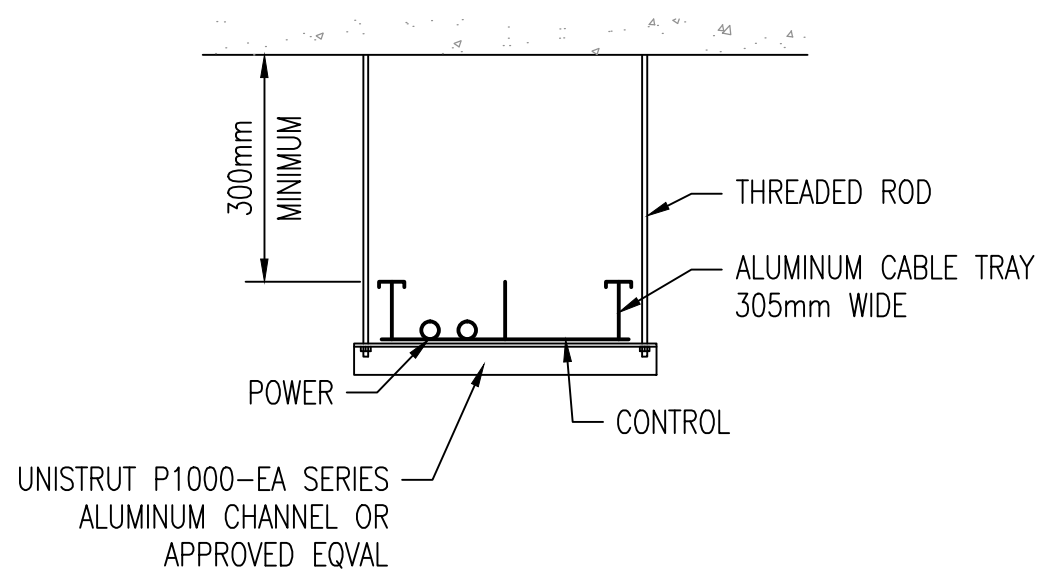


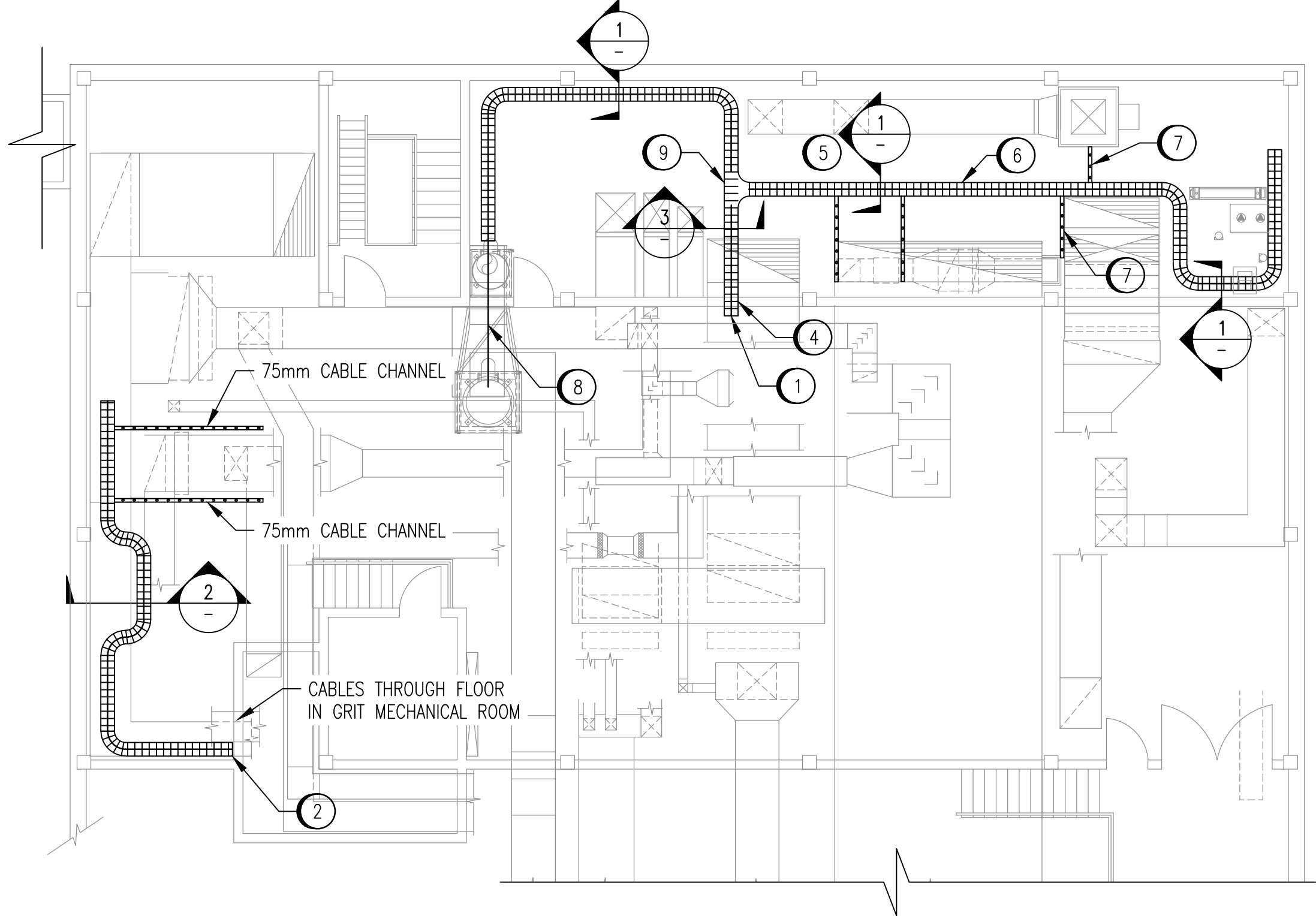
1 CABLE TRAY DETAIL - WET WELL MECHANICAL ROOM
SCALE: 1 : 10



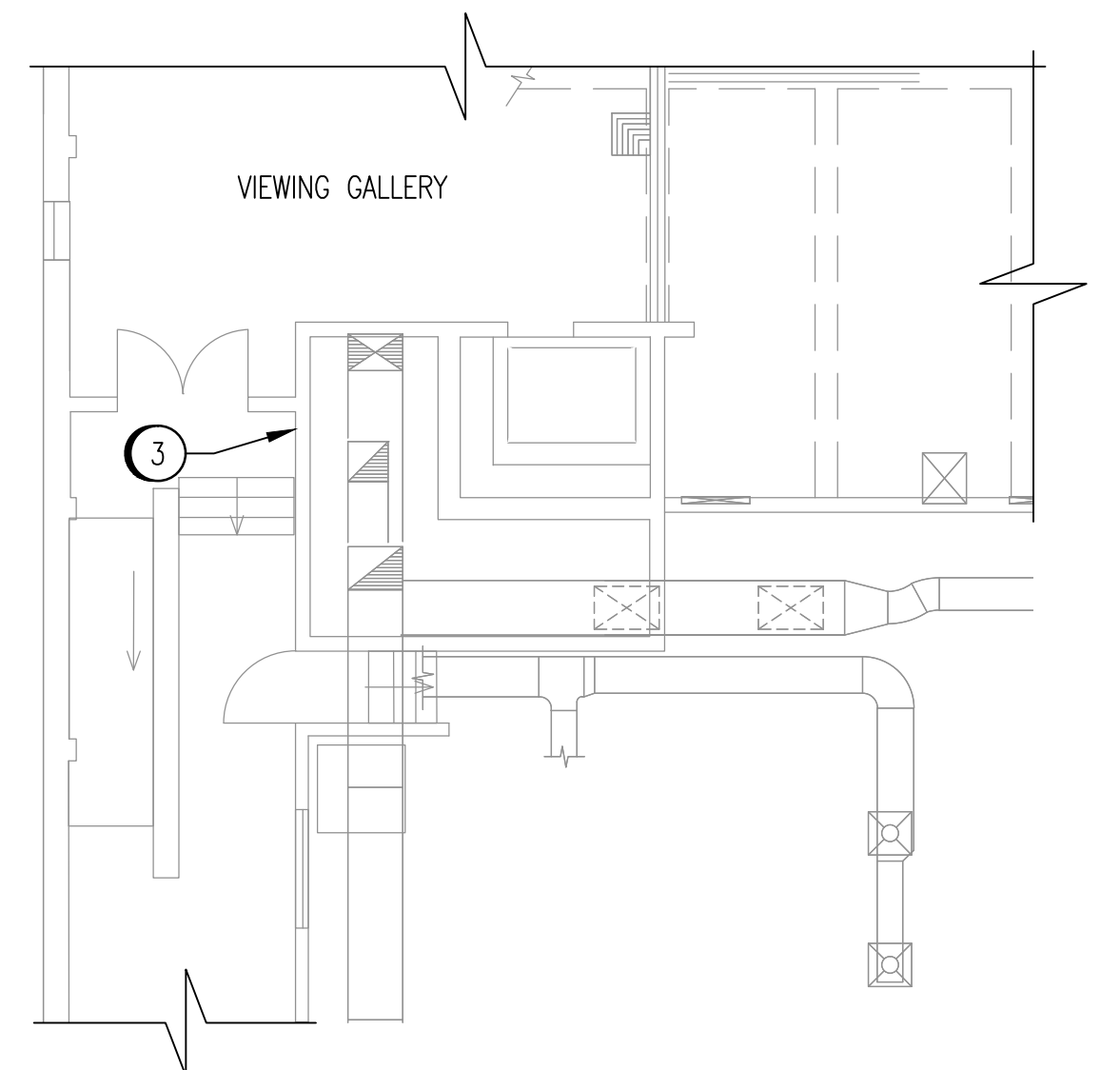
2 CABLE TRAY DETAIL
SCALE: 1 : 10



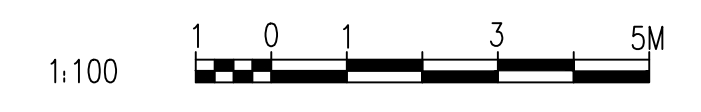
3 CABLE TRAY DETAIL
SCALE: 1 : 10



DRYWELL MECHANICAL ROOM
SCALE: 1 : 100



MAIN FLOOR
SCALE: 1 : 100



NO.	CONSTRUCTION NOTES
1	RUN CABLE TRAY UP WALL OF GRIT MECHANICAL ROOM. CORE HOLES THROUGH FLOOR FOR ALL CABLES PASSING THROUGH. MARK OUT LOCATION OF REINFORCING STEEL PRIOR TO DRILLING TO AVOID CUTTING THROUGH STEEL. ADVISE CONTRACT ADMINISTRATOR IF OPENINGS CANNOT BE ADJUSTED TO CLEAR THE EXISTING REINFORCEMENT.
2	ATTACH CABLES TO WALL USING UNISTRUT SUPPORTS.
3	ATTACH CABLES TO WALL USING UNISTRUT SUPPORTS. FLOOR PENETRATIONS TO BE BETWEEN CHILLED WATER PIPING AND NORTH WALL OF HALLWAY.
4	CUT HOLE THROUGH WALL FOR CABLE TRAY.
5	PROVIDE ADDITIONAL CABLE CHANNEL AS REQUIRED.
6	CONNECT TEE AT LOWER CABLE TRAY.
7	PROVIDE DEDICATED 75mm VENTILATED CABLE CHANNEL FOR MOTOR FEED.
8	ROUTE G687-EF MOTOR CABLE A MINIMUM OF 150mm FROM ALL OTHER CABLE AND CONDUITS.
9	CONNECT TEE AT UPPER CABLE TRAY.

NOTES:

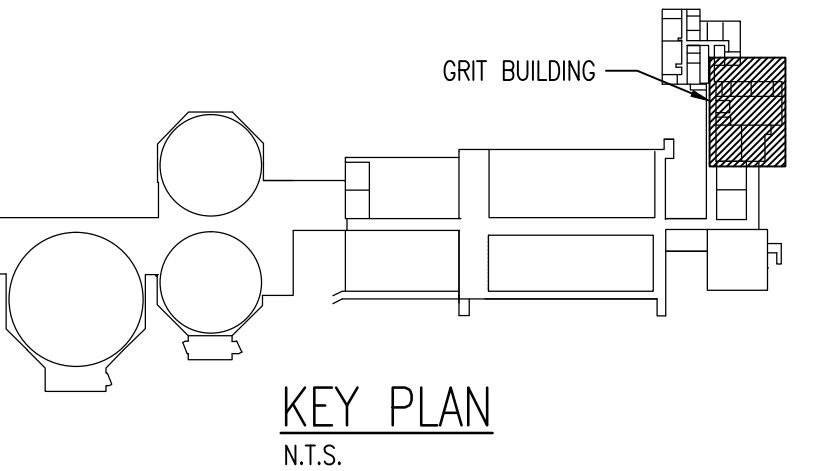
1. NOT ALL THE CABLES ARE SHOWN.
2. CONDUCTORS IN TRAY ARE DE-RATED TO ELIMINATE SPACING REQUIREMENTS BETWEEN CABLES.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR TENDER, BID OPP. 42-2013	2013/01/15	TMC	CJR
00	ISSUED FOR TENDER, BID OPP. 545-2012	2012/09/10	TMC	CJR

		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY:	T. CHURCH	CHECKED BY:	C. REIMER
DRAWN BY:	M.J. PERSSON	APPROVED BY:	C. REIMER
SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION BY:	N. HARRINGTON
DATE:	2012/02/06	DATE:	2012/09/10
CONSULTANT NO.: 112577-0116-47DD-0010			

ENGINEER'S SEAL



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
VENTILATION & MISC UPGRADES
CABLE TRAY AND CABLE ROUTING
GRIT BUILDING
MECHANICAL ROOMS

CITY DRAWING NUMBER: 1-0102G-E0045
SHEET: 001
REV: 01
SIZE: A1

1-0102G-A0099	INSTRUMENT LOCATION PLAN, DRY WELL MECHANICAL ROOM
1-0102G-A0097	INSTRUMENT LOCATION PLAN, WET WELL MECHANICAL ROOM
DRAWING NUMBER	REFERENCE DRAWINGS