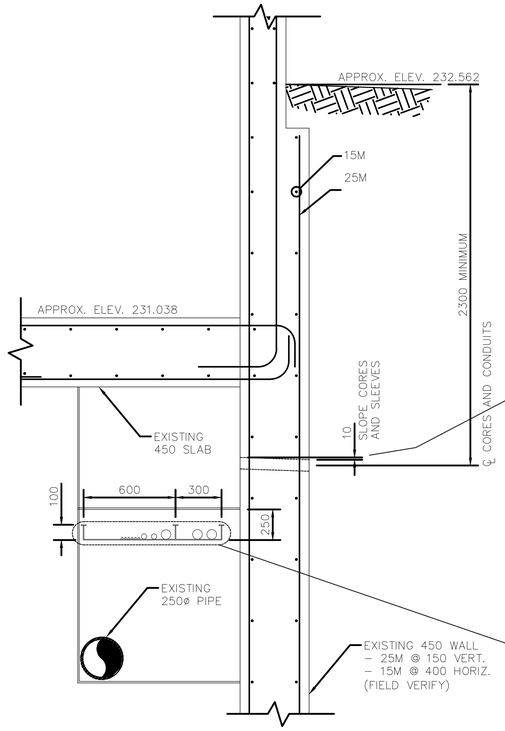
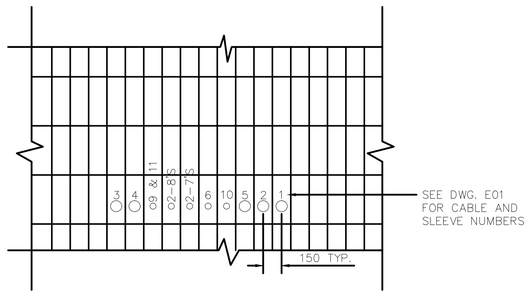


1 / E01 | E02

PARTIAL SECTION THRU EXISTING NORTH WALL

SCALE : 1:20

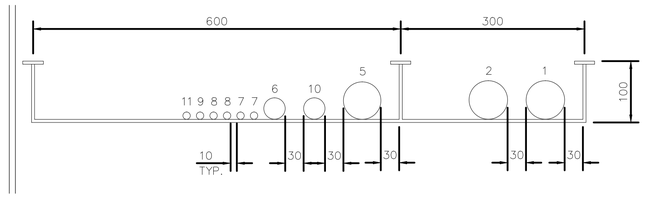
NOTE:
EXISTING WALL/SLAB THICKNESSES AND REINFORCING ARE FROM 1990 SECONDARY TREATMENT EXPANSION DRAWINGS (NOT AS-BUILTS). ALL DIMENSIONS AND ELEVATIONS REQUIRE FIELD VERIFICATION.



PIPE GALLERY PARTIAL ELEVATION OF NORTH WALL LOOKING NORTH

SCALE : 1:25

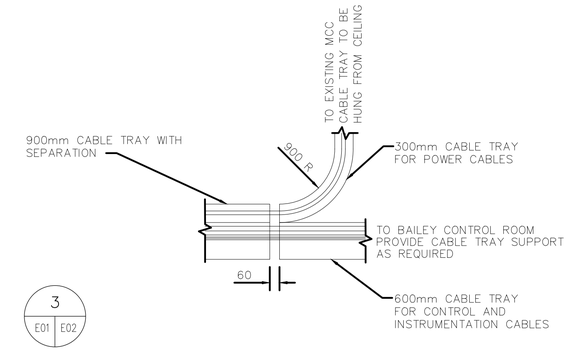
NOTE:
EXISTING WALL IS 450 THICK WITH 25M'S @ 150 o/c VERT., EACH FACE AND 15M'S @ 400 o/c HORIZ.. ACCURATELY LOCATE REINF. PRIOR TO CORING THROUGH WALL. THE CORES SHALL BE 150mm CENTER TO CENTER AND LARGE ENOUGH FOR INSTALLING SLEEVES TO ACCOMMODATE THE OUTER DIAMETER OF EACH INDIVIDUAL CABLE.



NEW CABLE TRAY MOUNTED ON EXISTING PIPE RACK

SCALE : N.T.S.

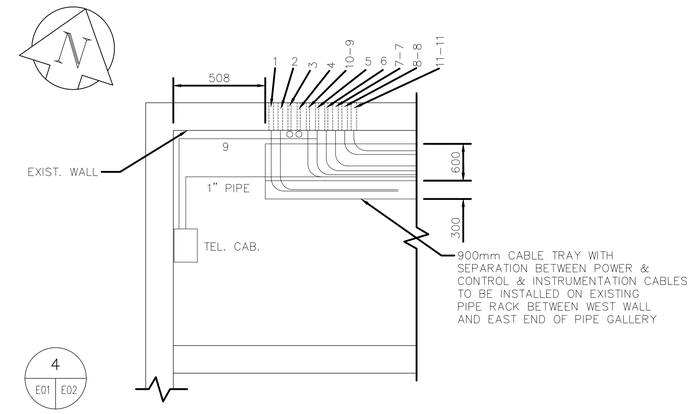
NOTE:
CABLE TRAYS SHALL BE CANADIAN ELECTRIC RACEWAYS INCORPORATED, OR APPROVED EQUAL. CABLE TRAYS SHALL BE CSA CLASS D1, HEAVY DUTY LADDER TYPE, VENTILATED AND ALUMINUM. WIDTH AND DEPTH AS SHOWN.



3 / E01 | E02

CABLE TRAY DETAIL AT EAST END OF PIPE GALLERY

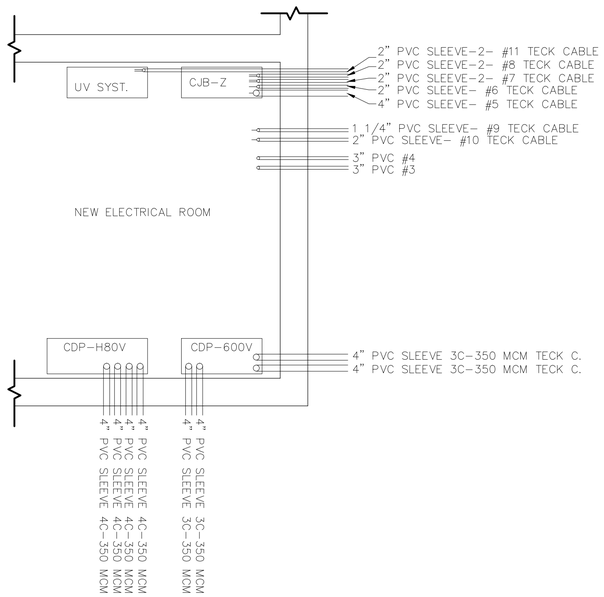
SCALE : N.T.S.



4 / E01 | E02

PIPE GALLERY WEST END CORNER PARTIAL PLAN AT ELEVATION 230.300

SCALE : 1:50



UNDERGROUND CABLE ENTRY TO ELECTRIC ROOM

SCALE : 1:50

NOTE:
1. DO NOT EXCEED CEC OR MANUFACTURER'S RECOMMENDED MAXIMUM BENDING RADIUS.
2. USE RIGID PVC SLEEVES. PACK NATURAL OAKUM AROUND CABLES AND SLEEVES ALLOWING FOR SEALANT AT EACH FACE. SEAL EXTERIOR AND INTERIOR FACE OPENINGS WITH POLYURETHANE SEALANT AROUND CABLES AND SLEEVES. SEALANT THICKNESS TO BE APPROX. HALF THE WIDTH BEING SEALED.
3. CB–10: 450x500 WITH 4–25M BOT, 4–20M TOP, 10M STIRRUPS @300 o/c
   CB–11: 1200x600 WITH 6–25M BOT, 6–20M TOP, 10M STIRRUPS @ 300 o/c

FOR REFERENCE ONLY

THIS DRAWING SUPERSEDES DRWAING 61786.01 E02 DATED JULY 23 1998

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
2	RECORD DRAWING	99\09\30	RD
1	ISSUED FOR PCN #5	98\12\12	MRU
0	ISSUED FOR TENDER	98\07\27	CPG

Reid Crowther — Consulting Engineering Worldwide

DESIGNED BY	M.V	CHECKED BY	PS
DRAWN BY	MEB, C.T.	APPROVED BY	AL
HOR. SCALE: / VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	
DATE	1998/12/11	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
621786.01 E02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
EFFLUENT DISINFECTION FACILITY

CITY DRAWING NUMBER
SEP–2437

SHEET 0 OF

JUNCTION BOX, CABLE TRAY AND CABLE INSTALLATION DETAILS
DNAME3

REV–2

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