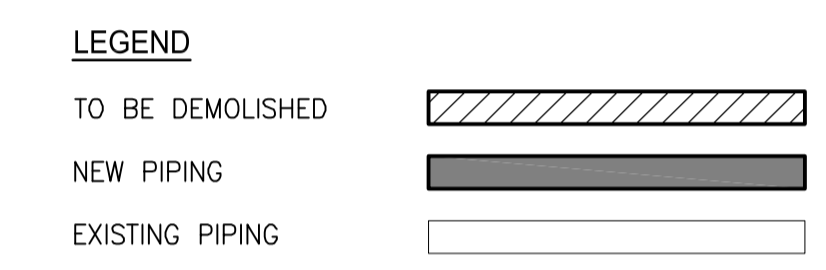


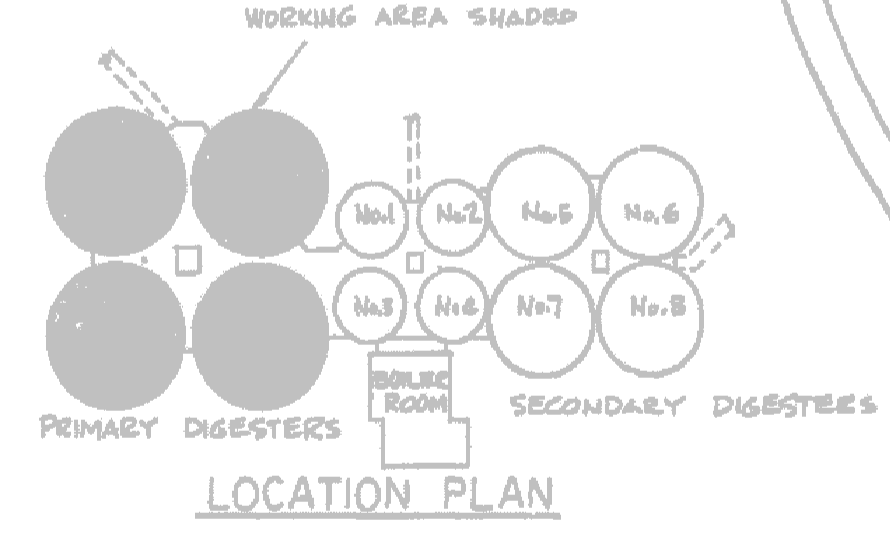
- 1 DISCONNECT HEAT TRACING. DEMOLISH AND REMOVE MIXING GAS SUPPLY PIPING, HEAT TRACING, INSULATION AND VENT PIPING PENETRATING THROUGH ROOF OF DIGESTER GALLERY.
- 2 DEMOLISH AND REMOVE CURBING, INSULATION AND FLASHING AROUND PIPE PENETRATION THROUGH ROOF OF DIGESTER GALLERY.
- 3 PATCH OPENING THROUGH GALLERY 5 ROOF WITH A CEMENTITIOUS MATERIAL; REFER TO STRUCTURAL FOR ADDITIONAL DETAILS. INSULATE AND PATCH BUILT UP ROOF AREA TO MATCH THE EXISTING. REFER TO STRUCTURAL FOR ADDITIONAL DETAILS.
- 4 DISCONNECT HEAT TRACING. DEMOLISH AND REMOVE ALL GAS PIPING, HEAT TRACING, INSULATION, PIPE JACKETING AND PIPE SUPPORTS ON ROOF OF DIGESTER 11 AND PART OF GALLERY 5 ROOF. INSULATE AND PATCH BUILT UP ROOF AREA TO MATCH THE EXISTING. REFER TO STRUCTURAL FOR ADDITIONAL DETAILS.
- 5 DEMOLISH AND REMOVE 10 MIXING GAS SUPPLY PIPE, HEAT TRACING, PIPE JACKETING, AND INSULATION PENETRATING THROUGH ROOF OF DIGESTER.
- 6 PATCH OPENINGS THROUGH DIGESTER 5 ROOF WITH A CEMENTITIOUS MATERIAL; REFER TO STRUCTURAL FOR ADDITIONAL DETAILS.
- 7 DEMOLISH AND REMOVE DIGESTER RELIEF VENT MOUNTED ON OLD WEST MANHOLE. DRAIN AND SALVAGE GLYCOL IN TRAP OF DIGESTER 11 RELIEF VENT. REMOVE AND SALVAGE 200 MM DIAMETER PLUG VALVE, 19 MM DRAIN VALVE AND VENT VALVE, AND SIGHT GLASS. TURNOVER 200 MM DIAMETER PLUG VALVE, 19 MM DRAIN VALVE AND VENT VALVE, AND SIGHT GLASS TO NEWPCC AND TRANSPORT SALVAGED MATERIALS TO A DESIGNATED ON-SITE LOCATION.
- 8 DISCONNECT HEAT TRACING. DEMOLISH AND REMOVE DIGESTER 11 GAS EXTRACTION SUCTION LINES, HEAT TRACING, INSULATION, SUPPORTS, PIPE JACKET AND PIPE MOUNTED ON OLD EAST MANHOLE. DEMOLISH SHEET METAL FLASHING, SUPPORT AND PIPE FLANGE. DEMOLISH AND REWORK CONCRETE TO RECEIVE NEW MANHOLE/PRESSURE RELIEF VENT. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
- 9 THE TANK AREA IS CONSIDERED CONFINED ENTRY AND WORK INSIDE THE TANK SHALL ABIDE BY THE MANITOBA WORKPLACE SAFETY AND HEALTH REGULATION 217/2006 AND OTHER PROVINCIAL REGULATIONS.
- 10 DEMOLISH AND REMOVE ALL TEN (10) SLUDGE MIXING GUNS, PIPE, AND SUPPORTS WITH ASSOCIATED ACCESSORIES. PATCH HOLES IN CONCRETE STRUCTURE WITH A CEMENTITIOUS MATERIAL; REFER TO STRUCTURAL FOR ADDITIONAL DETAILS.
- 11 SLUDGE DRAIN LINES TO REMAIN
- 12 SLUDGE FILL LINES TO REMAIN
- 13 EXISTING DIGESTER VIEWING WINDOW, REMOVE AND REINSTALL AFTER NEW SLAB IS INSTALLED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
- 14 NEW RELIEF VENTS TO BE PROVIDED. SEE DWG M0011



NOTE:
 10: DIGESTER MIXING GUNS - EACH 450 DIA. x 7'6" LONG.

NOTE:
 ALL THE 65 DIA GAS PIPING FROM THE 100 DIA GAS HEADER TO THE DISCHARGE PORT HAS BEEN REMOVED AND REINSTALLED IN THE LOCATION SHOWN ON THIS DRAWING. AS-BUILT DRAWING MEP-157 DETAILS EXISTING GAS PIPING THAT EXISTED PRIOR TO COMMENCEMENT OF THESE MODIFICATIONS.

NOTE:
 REFER TO NEWPCC DRAWINGS SHOWING DIGESTER NO. 11 ROOF REPAIRS CONTRACT NO. PDS0-05



APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

B.M. ELEV.				Stantec Consulting Ltd.		ENGINEER'S SEAL	
				905 Waverley Street, Winnipeg, Manitoba Tel 204-489-5900 Fax 204-453-9012		ORIGINAL SEALED BY A.H. BEGHIN P. ENG. 12/10/31	
DESIGNED BY	A.B.	CHECKED BY	S.A.B.	DRAWN BY		APPROVED BY	
4. ISSUED FOR ADDENDUM 3	12.11.23	J.R.B.		B.W.		S.K.B.	
3. ISSUED FOR TENDER	12.11.01	S.K.B.		HOR. SCALE: 1:50		RELEASED FOR CONSTRUCTION:	
2. ISSUED FOR 95% REVIEW	12.09.12	S.K.B.		VERTICAL:		DATE	
1. ISSUED FOR 60% REVIEW	12.07.27	S.K.B.		DATE 2012.07.05		DATE	
NO. REVISIONS	DATE	BY	DATE	2012.07.05		DATE	

		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	
NORTH END WATER POLLUTION CONTROL CENTRE REHABILITATION OF DIGESTER NO. 11 AND SLUDGE HOLDING TANK NO. 5 AND 7			
DIGESTER GAS RECIRCULATION SYSTEM DEMOLITION PLAN			
BID OPPORTUNITY NO.	CITY DRAWING NUMBER	SHEET OF	
573-2012	I-OI0ID-M0004-001	10 29	

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