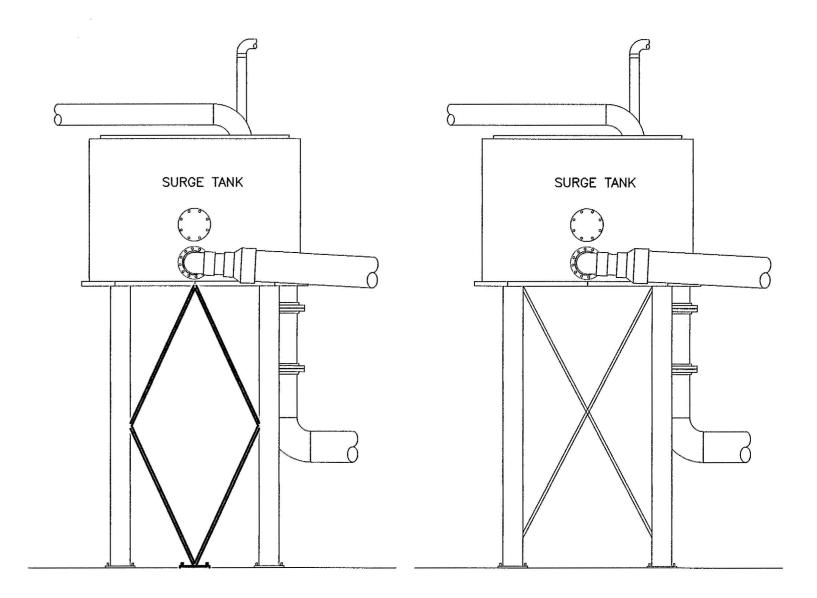


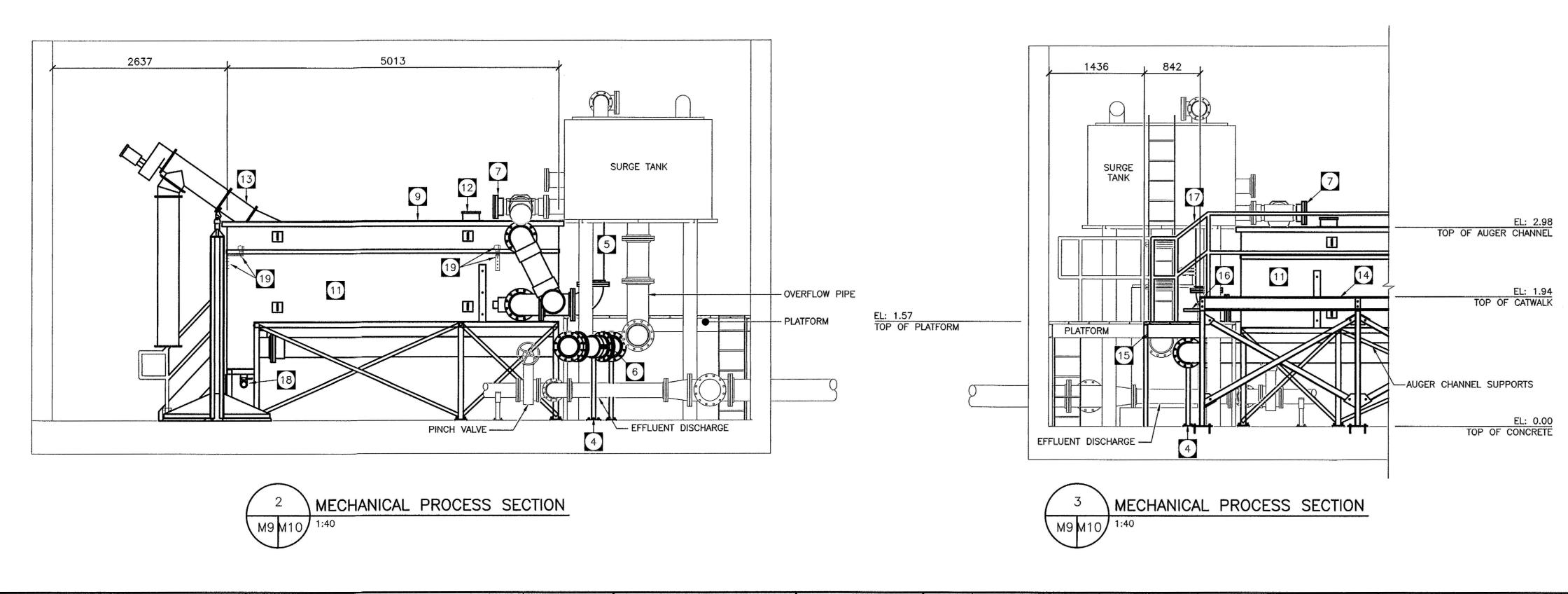
CONSTRUCTION NOTES:

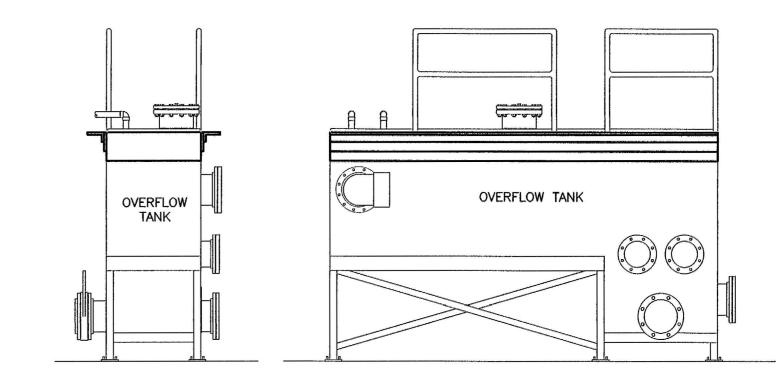
- INSTALL NEW 3000 PLUG VALVE ON AUGER CHANNEL INLET
- INSTALL NEW FLANGE CONNECTION TO EXISTING BOTTOM OF SURGE TANK (NOT SHOWN ON DRAWING)
- INSTALL NEW 3000 DISCHARGE PIPE FLANGE CONNECTION TO EXISTING 3000 FLANGE ON OVERFLOW TANK
- INSTALL PIPE SUPPORTS AS REQUIRED TO FULLY SUPPORT PIPING (NOT SHOWN ON DRAWING)
- 5 INSTALL 3000 DUCTILE IRON PIPE AND FLANGE
- 6 INSTALL 3000 PVC SCHEDULE 80 PIPING
- 7 REMOVE EXISTING PLUG VALVE AND INSTALL BLIND FLANGE
- 8 DISCONNECT EXISTING AUGER CHANNEL #1 OVERFLOW CONNECTION TO OVERFLOW TANK AND INSTALL NEW 300¢ PVC TEE. CONNECT TO EXISTING AND NEW AUGER CHANNEL OVERFLOW PIPING.
- 9 COVER SCREEN CHANNEL WITH REMOVABLE CHECKER PLATE PANELS. SEE APPENDIX 'B' IN SPECIFICATIONS FOR DETAILS
- CONNECT NEW 3000 PVC OVERFLOW PIPING TO AUGER CHANNEL FLANGED OUTLET
- 11 NEW AUGER CHANNEL
- 12 NEW GRINDER MOTOR
- install new auger tank cover (not shown for clarity see DWG S-9 for Details)
- NEW CATWALK C/W GUARDS & RAILINGS (SEE DWG S-8 FOR DETAILS)
- 15 EXTEND EXISTING PLATFORM
- 16 NEW CATWALK STAIRS STEP (SEE DWG S-9 FOR DETAILS)
- 17 INSTALL NEW PLATFORM RAILING CUT AND CONNECT TO EXISTING RAILING
- 18 AUGER CHANNEL SAMPLE BALL VALVE
- ULTRA SONIC TRANSDUCER (SENSOR) 2 REQUIRED. TRANSDUCER SHALL BE MOUNTED TO STAINLESS MOUNTING BRACKET AS SHOWN TO PROVIDE VERTICAL ADJUSTMENT TO SUIT. REFER TO DWG M-9 FOR FURTHER DETAILS



- 1. REMOVE EXISTING CROSS BRACING ON SOUTH SIDE OF SURGE TANK SUPPORTS
- 2. INSTALL NEW KNEE BRACING ON FOUR CORNERS ON SOUTH SIDE OF SURGE TANK
- 3. NEW SURGE TANK LEG SUPPORTS ARE TO BE INCLUDED BUT NOT LIMITED TO SPECIFICATIONS UNDER SECTION 05-50-10 STEEL TANK, ELEVATED PLATFORM AND
- 4. ALL NEW STEEL SUPPORTS TO BE PAINTED AS PER SPECIFICATION

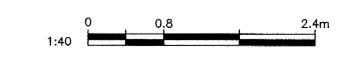
SURGE TANK DETAIL





- 1. OVERFLOW TANK WALLS TO BE RAISED 300mm VERTICALLY. STEEL PLATE TO BE 300W AND 0.25mm THICK. WORK TO BE AS PER SECTION 05-50-10 STEEL TANK, ELEVATED PLATFORM AND STAIR SPECIFICATION
- 2. ALL EXISTING RAILING TO BE RELOCATED AT NEW RAISED ELEVATION
- 3. ASSOCIATED WORKS SHALL INCLUDE MODIFICATION TO TANK, RELOCATION OF TANK GRATING COVER AND ULTRASONIC LEVEL SENSOR TO RAISED ELEVATION
- 4. RELOCATION OF ALL MECHANICAL PIPING TO SUIT SIDE WALL
- 5. TANK, RAILING AND SUPPORTS TO BE PAINTED AS PER SPECIFICATION

OVERFLOW TANK DETAIL



 This drawing is the exclusive property of Nuna Burnside and the reproduction of any part without prior written consent of this office is strictly prohibited. 2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.

3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project. 4. Do not scale the drawings.

Issue / Revision	Date	
ISSUED FOR 99% SUBMISSION	JANUARY 2013	PERMIT TO PRACT Nuna Burnside Engineening and Environment
ISSUED FOR TENDER	FEBRUARY 2013	
REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013	Signature — Jopewick Date May 27/13
		PERMIT NUMBER: P The Association of Professional Engi Geologists and Geophysicists of NW



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- 1	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND — PLAN	PROPOS

Munside Burnside

Nuna Burnside Engineering & Environmental LTD. 106B Scurfield Blvd., Winnipeg, Manitoba telephone (204) 949-7110 fax (204) 949-7111 web www.neeganburnside.com

GOVERNMENT OF NUNAVUT COMMUNITY & GOVERNMENT SERVICES

RANKIN INLET SEWAGE TREATMENT PLANT SEWAGE PROCESS EQUIPMENT CROSS SECTIONS

Drawn By J. JUACALLA Checked By G. POPOWICH M-10 Scale AS NOTED