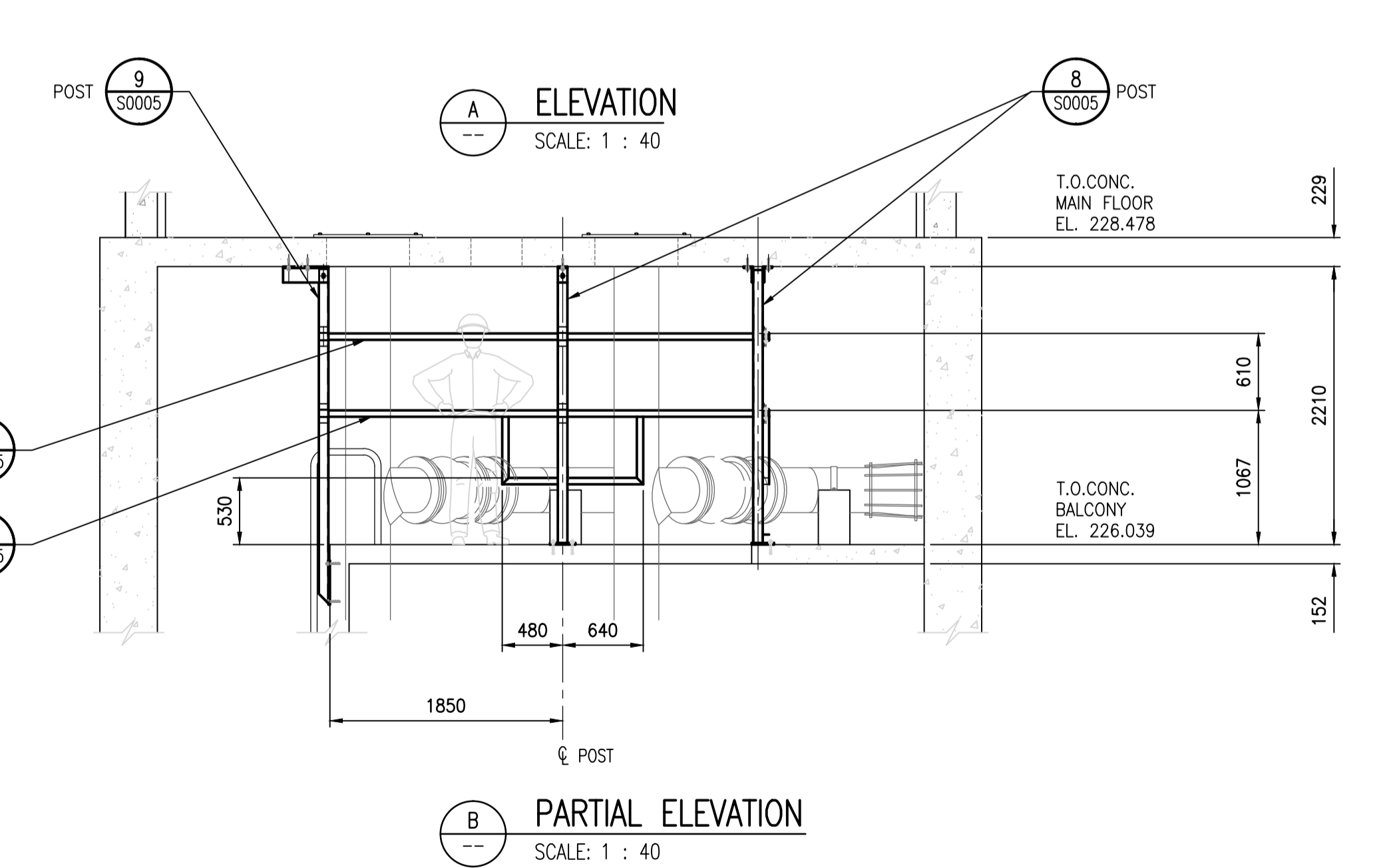
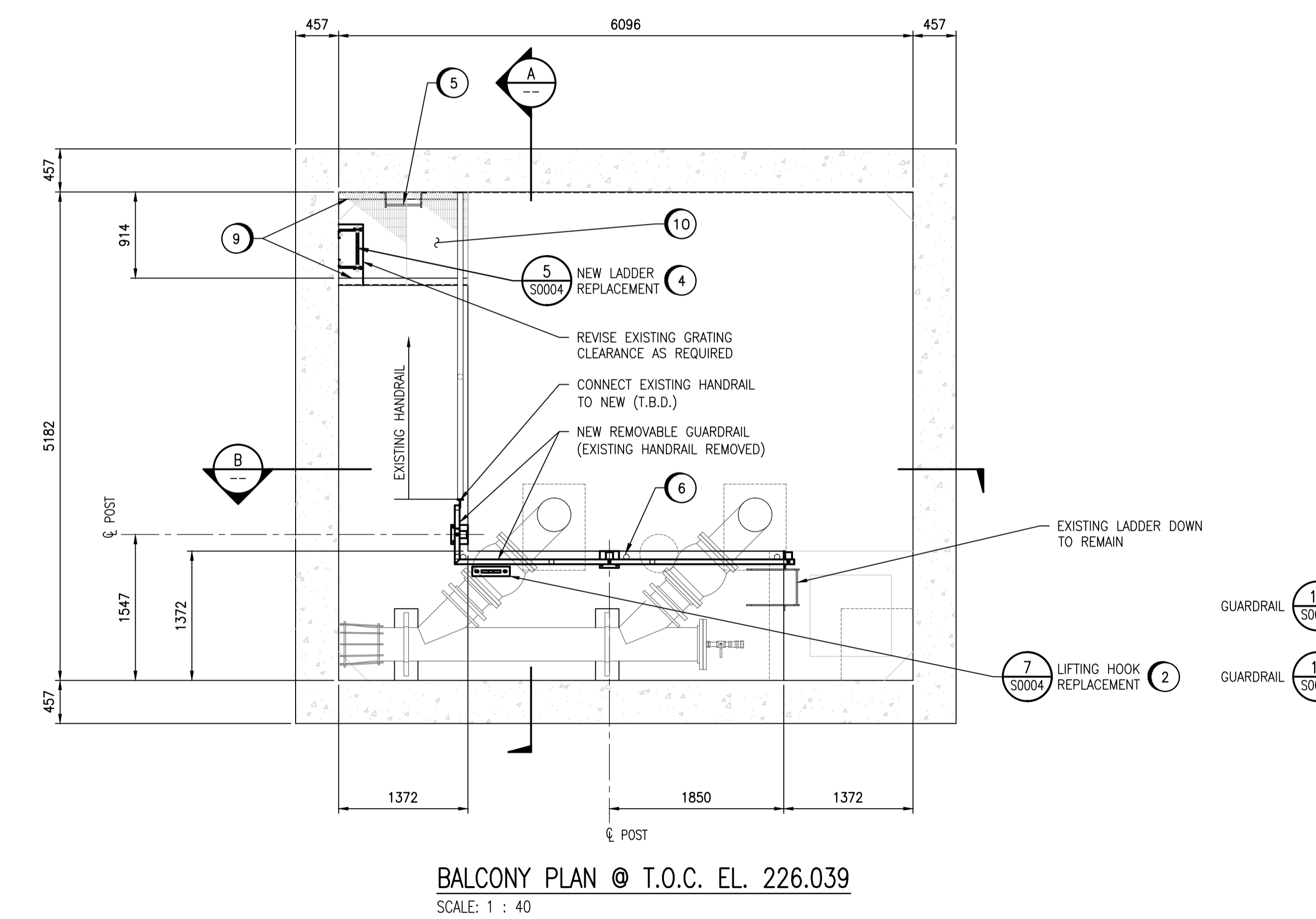
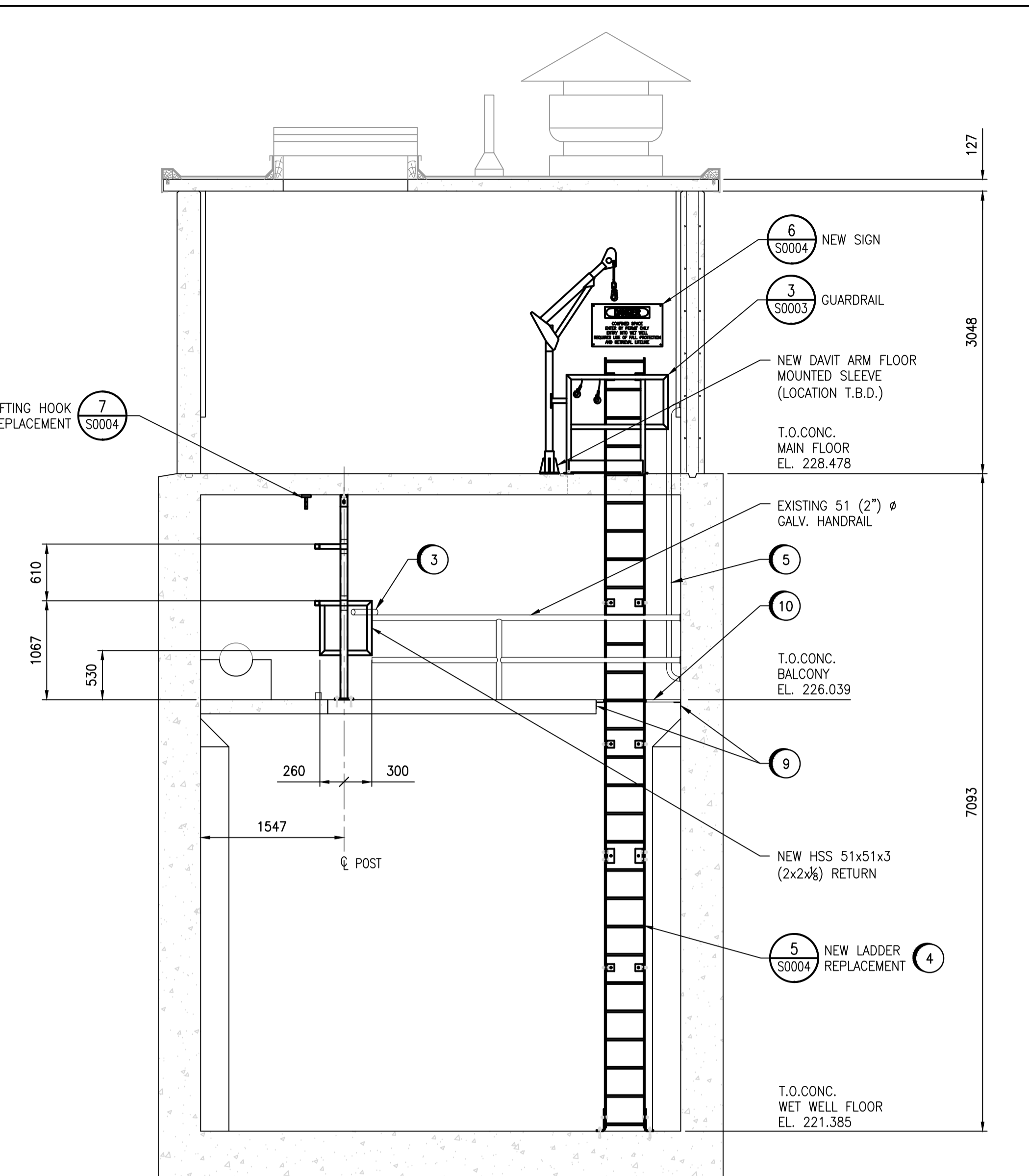
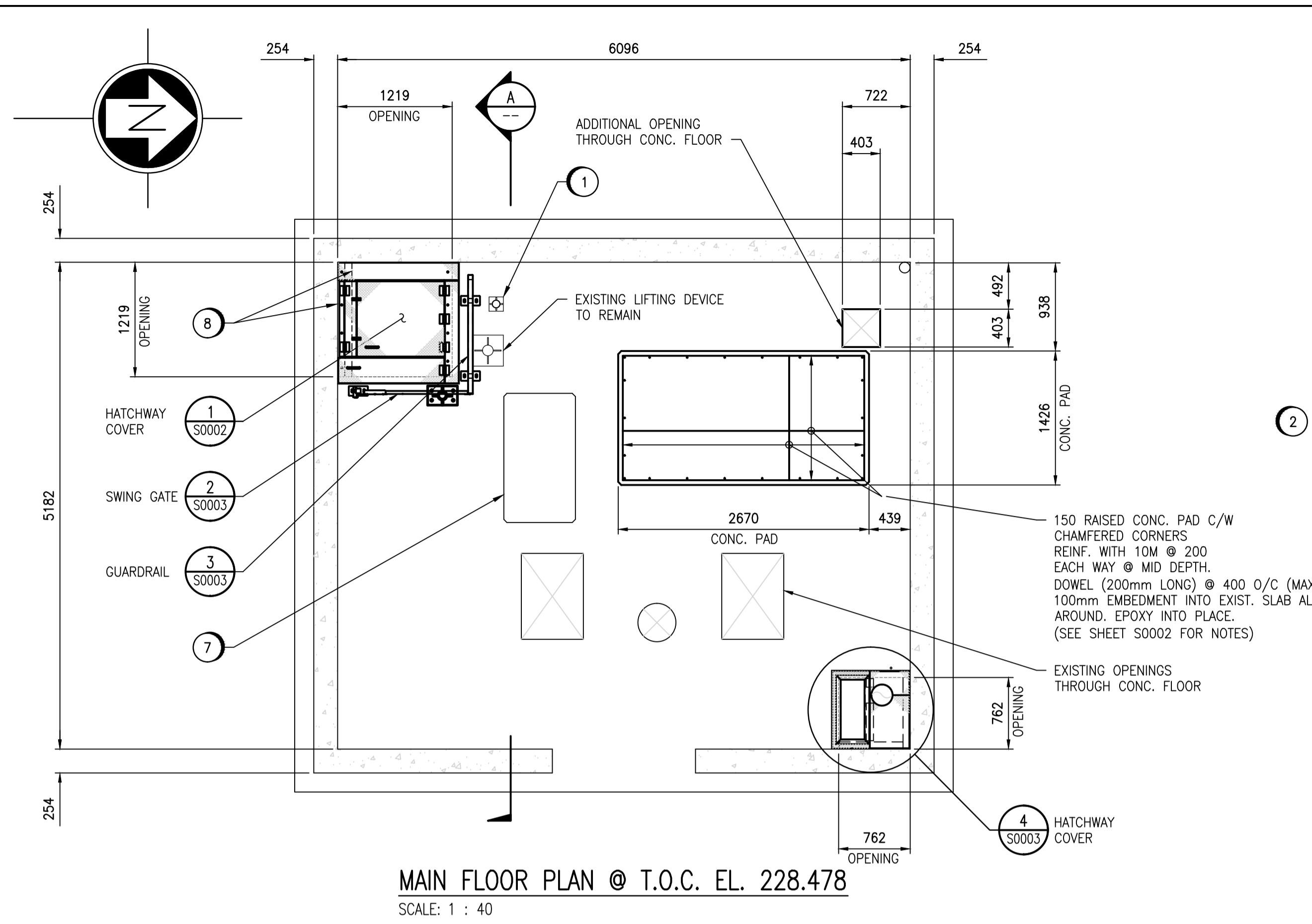


A1 SIZE - 594mm x 841mm



- GENERAL NOTES:**
- THESE NOTES ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATION.
 - THESE NEW INSTALLATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2005 AND AS REVISED BY THE MANITOBA BUILDINGS AND MOBILE HOMES ACT (C.C.S.M.C. B93), MR 118, REGULATION 31 AS AMENDED (MBC).
 - REFERENCE OR COMPLIANCE WITH A STANDARD SHALL MEAN REFERENCE TO THE CURRENT EDITION OF THAT STANDARD AS WELL AS SUPPLEMENTS AND ALL DOCUMENTS REFERENCED THEREIN UNLESS REFERENCE TO A SPECIFIC DOCUMENT VERSION IS MADE.
 - THE CONTRACTOR SHALL COMPLY WITH ALL HEALTH AND SAFETY REQUIREMENTS AND REGULATIONS FOR THE PROVINCE OF MANITOBA.
 - THE DRAWINGS SHOW THE COMPLETED STRUCTURAL SYSTEM; THEY DO NOT SHOW WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY IN AND AROUND THE JOB SITE.
 - ALL WORK IN THE FIELD TO INCORPORATE PROPER SAFETY PRECAUTIONS TO ENSURE THE SAFETY OF THE WORKERS AND PREVENT DAMAGE TO ALL EXISTING EQUIPMENT AND STRUCTURES.
 - DO NOT SCALE DRAWINGS
 - VERIFY ALL DIMENSIONS, ELEVATIONS AND EXTENT OF WORK WITH DRAWINGS AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE CONTRACT ADMINISTRATOR PRIOR TO PROCEEDING WITH CONSTRUCTION. DO NOT DIMENSION FROM ELECTRONIC DRAWINGS. REWORK OF ITEMS FABRICATED PRIOR TO IDENTIFICATION OF DISCREPANCIES AND/OR CONFLICTS SHALL BE AT NO ADDITIONAL COST TO THE CITY.
 - LOCATE SERVICES AND PROTECT THEM AT ALL TIMES DURING CONSTRUCTION.
 - STRUCTURAL INTEGRITY OF EXISTING STRUCTURES TO BE MAINTAINED DURING CONSTRUCTION.
 - REPORT ANY UNSOUND CONDITIONS OBSERVED OR CREATED IMMEDIATELY TO THE CONTRACT ADMINISTRATOR.
 - MODIFICATIONS, ALTERATIONS, OR SUBSTITUTIONS MUST BE AUTHORIZED IN WRITING BY THE CONTRACT ADMINISTRATOR PRIOR TO ANY FABRICATION OR ERECTION.
 - ALL CONTRACTOR MEANS AND METHODS, INCLUDING TEMPORARY SCAFFOLDING SHALL BE ERECTED AND REMOVED BY AN APPROPRIATELY EXPERIENCED INSTALLATION CONTRACTOR IN ACCORDANCE WITH MANITOBA REGULATION 217. SCAFFOLDING TO BE DESIGNED AND APPROVED FOR USE IN ACCORDANCE WITH 217.
 - SUBMIT SHOP DRAWINGS FOR REVIEW.
 - SEE DRAWING 1-0310U-S0002 FOR STRUCTURAL NOTES.

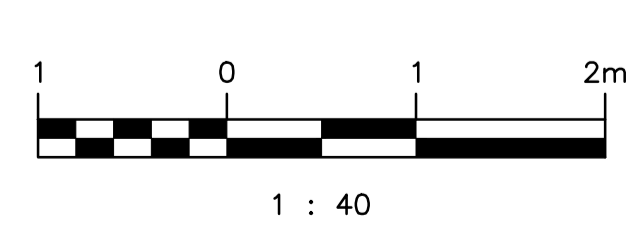
- REMOVAL NOTES:**
- EXISTING DAVIT ARM FLOOR MOUNTED SLEEVE TO BE REMOVED.
 - EXISTING LIFTING HOOK (NOT SHOWN) TO BE REMOVED AND REPLACED.
 - EXISTING ANGLED TOP RAILING (PARTIALLY SHOWN) TO BE REMOVED.
 - EXISTING LOWER LADDER TO BE REMOVED.
 - EXISTING MAIN FLOOR LADDER TO BE REMOVED.
 - EXISTING HANDRAIL / POSTS TO BE REMOVED ALONG EAST WALKWAY (NOT SHOWN)
 - EXISTING CONC. PAD TO BE REMOVED. RESTORE AFFECTED AREA TO MATCH REST OF FINISHED FLOOR.
 - EXISTING L76x76x6.3 (L3x3 $\frac{3}{4}$) GRATING SUPPORT ANGLES AND ANCHOR PLATES TO BE REMOVED.
 - EXISTING L76x76x6.3 (L3x3 $\frac{3}{4}$) GRATING SUPPORT ANGLES TO BE REMOVED. REPLACE WITH NEW 304 S.S. L76x76x6 (L3x3 $\frac{3}{4}$) OF SAME LENGTH. ANCHOR WITH NEW 13x114 (1 $\frac{1}{2}$ x4 $\frac{1}{2}$) SS316 HILTI EXPANSION ANCHOR KWIK BOLT-TZ USING HEAVY DUTY WASHERS 76 (3") EMBEDMENT @ 305 (12") O/C MAX. PROVIDE LUGS TO PREVENT GRATE SLIDING. REFER TO DETAIL 4a SHEET 1-0309U-S0003 FOR ADDITIONAL DETAILS (SIMILAR)
 - EXISTING FLOOR BAR GRATING TO BE REMOVED. REPLACE WITH 30-W-102 S.S. BAR GRATING WITH 4.8 (3 $\frac{1}{8}$ ") BEARING BARS. COPE OPENING FOR NEW LADDER CLEARANCE AND BAND ALL END BARS.

LEGEND:

	EXISTING
	NEW WORK

LAST SAVE: 2018/05/18 - 1:20pm
PATH: M:\648185\ENGR\25TR\DD - General DWG\1-0309U-S0001.dwg

785-G220	RELOCATION OF ROUTE 20 - PUMPING STATION MECHANICAL LAYOUT
785-G218	RELOCATION OF ROUTE 20 - WET WELL LAYOUT - REINFORCED CONCRETE
785-G217	RELOCATION OF ROUTE 20 - CONTROL ROOM LAYOUT P-957
DRAWING NUMBER	REFERENCE DRAWINGS



00	ISSUED FOR TENDER, BID OPP. 475-2018	2018-05-09	KK	BJC
NO.	REVISIONS	DATE	DESIGN	CHECK

SNC-LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204-786-8080

DESIGNED BY: K. KOTYK
DRAWN BY: B. DICKSON
SCALE: 1:40
DATE: 2018/03/06
CONSULTANT NO.:

CHECKED BY: D. SIDHU
APPROVED BY: B. CLEVEN
ISSUED FOR CONSTRUCTION
DATE:

ENGINEER'S SEAL

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

METRO ROUTE 20 UNDERPASS PUMPING STATION
2018 UPGRADES
PLANS, ELEVATION AND GENERAL NOTES
STRUCTURAL MODIFICATIONS

CITY DRAWING NUMBER: 1-0309U-S0001
SHEET: 001
REV: 00
SIZE: A1

1-0309U-S0001.dwg