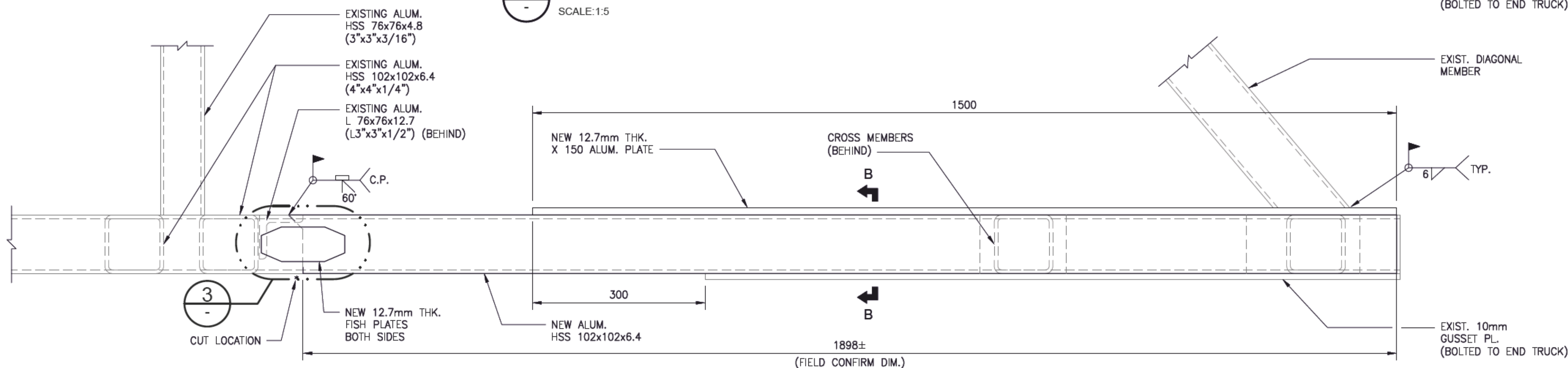
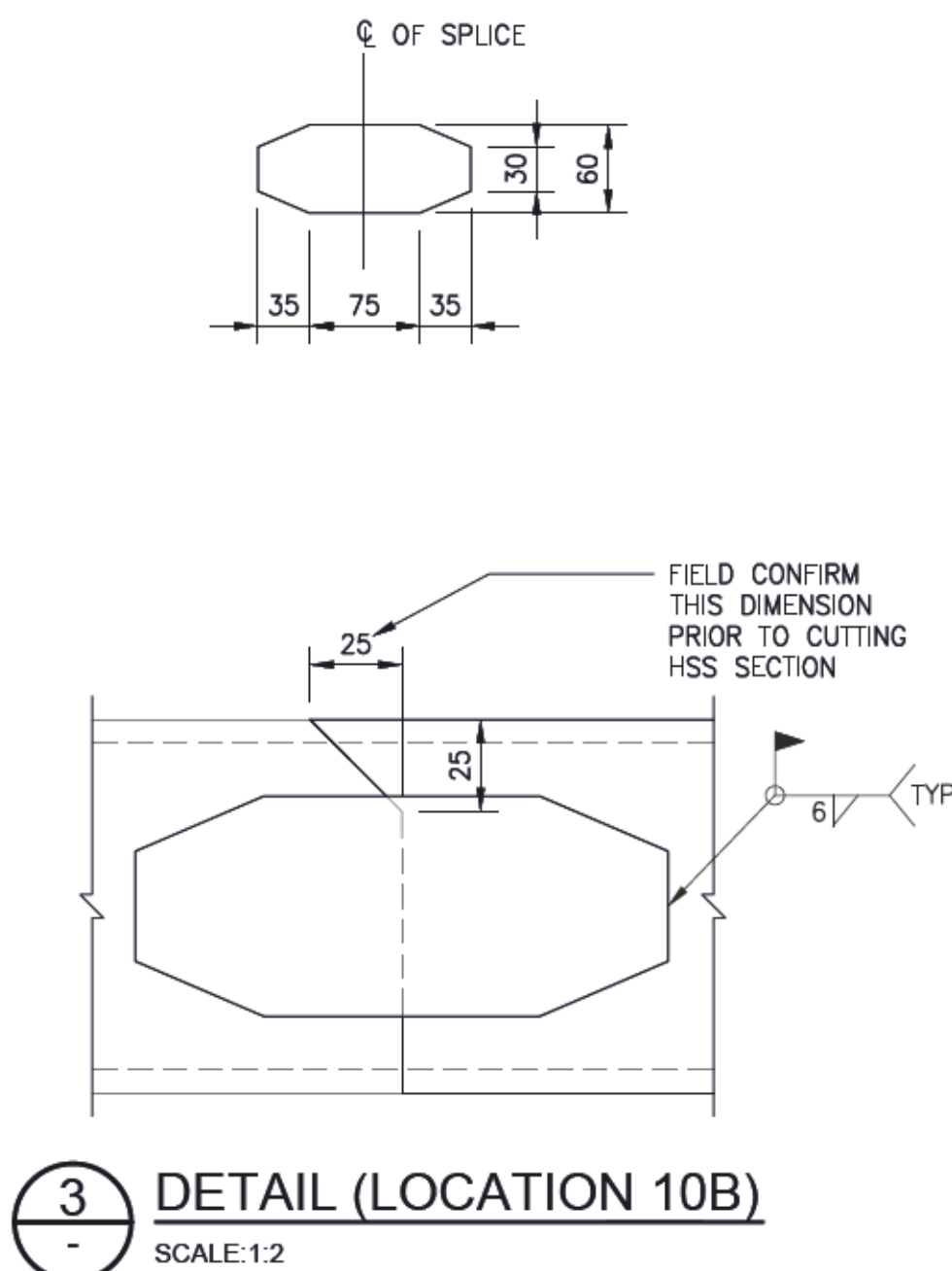


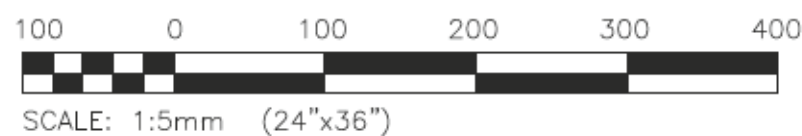
1 PARTIAL PLAN (NEW) SW CORNER
SCALE: 1:5



SECTION A-A
SCALE: 1:5

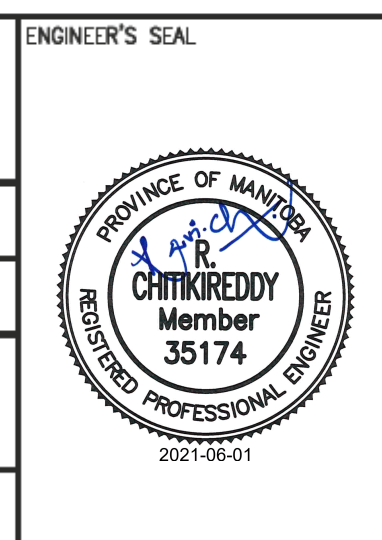


3 DETAIL (LOCATION 10B)
SCALE: 1:2



NO.				REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION				2021/06/01	RC	CMS

KGS GROUP			
DESIGNED BY:	R. CHITIKIREDDY	CHECKED BY:	C. SIEPMAN
DRAWN BY:	F. VALENCIA	APPROVED BY:	C. SIEPMAN
SCALE:	AS NOTED	ISSUED FOR CONSTRUCTION	BY: T. TURZAK
DATE:	2020/02/06	DATE:	2021/06/01
CONSULTANT NO.: 21-0107-003_S03			



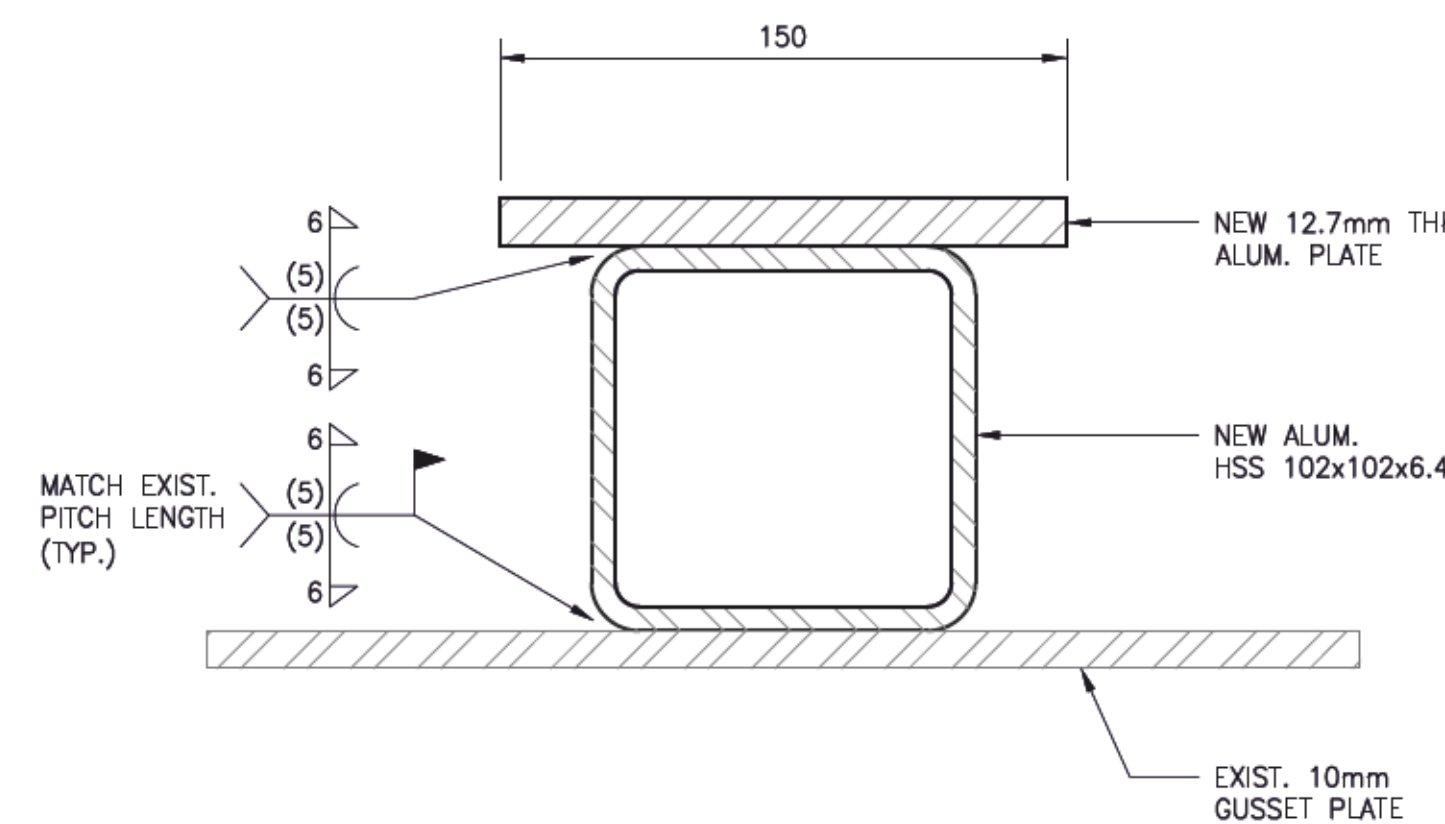
THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT			
SOUTH END SEWAGE TREATMENT PLANT (SEWPCC) PRIMARY CLARIFIERS REFURBISHMENT WORKS PRIMARY CLARIFIER 3 BRIDGE STRUCTURAL PLAN, SECTIONS & DETAILS			
CITY DRAWING NUMBER	1-0102-SGAD-P003	SHEET	002
REV.	00	SIZE	A1

LONG TERM REPAIR STEPS (SOUTH WEST CORNER ONLY)

- DRY DOCK AND SUPPORT AND BRACE THE BRIDGE TRUSS TEMPORARILY TO ENSURE IT REMAINS IN ALIGNMENT DURING THE LONG TERM REPAIR PROCESS. CONTRACTOR TO SUBMIT BRIDGE TRUSS TEMPORARY SUPPORT PLAN TO CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL PRIOR TO PERFORMING LONG TERM REPAIRS.
- GRIND ALL EXISTING STITCH WELDS BETWEEN THE END TRUCK GUSSET PLATE AND HSS CHORD MEMBER.
- CUT EXISTING BOTTOM CROSS MEMBERS (3 LOC.), DIAGONAL MEMBER (1 LOC.) AND BOTTOM CHORD MEMBER (1 LOC.) AT CUT LINES AS SHOWN ON THE DRAWING AND REMOVE THE PREVIOUSLY REPAIRED CRACKED SECTION. DO NOT CUT THE EXISTING 10mm GUSSET PLATE BETWEEN END TRUCK AND HSS CHORD MEMBER.
- INSTALL THE NEW HSS 102x102x6.4 MEMBER WITH THE REINFORCING PLATE IN PLACE. ALIGN NEW HSS SECTION TO THE EXISTING MEMBERS PRIOR TO FIELD WELDING THE JOINT TO AVOID STRESS CONCENTRATION.
- FIELD WELD NEW FISH PLATES AT LOCATION 10B AS PER DETAIL 3
- FIELD WELD GUSSET PLATE AND THE NEW HSS SECTION AS PER THE SECTION B-B.

WELD INSPECTION REQUIREMENT

- ALL NEW (SHOP & FIELD) WELDS TO BE SUBJECT TO RADIOGRAPHIC TESTING (RT). THE WELD INSPECTION REPORT TO BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL.



SECTION B-B
SCALE: 1:2