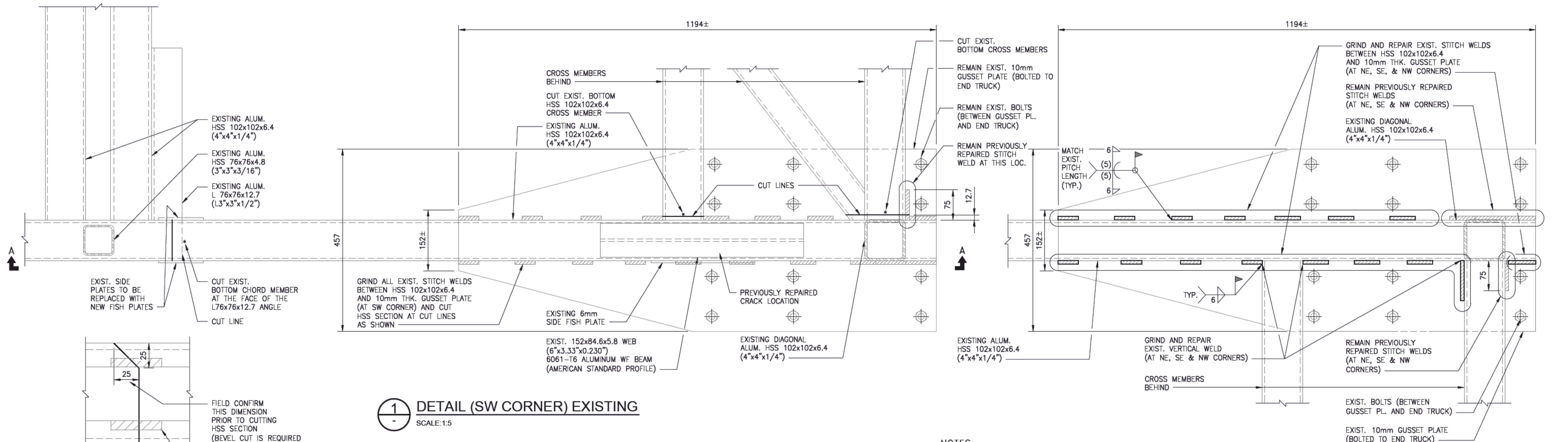


### BRIDGE TRUSS - BOTTOM CHORD FRAMING PLAN

SCALE:1:30

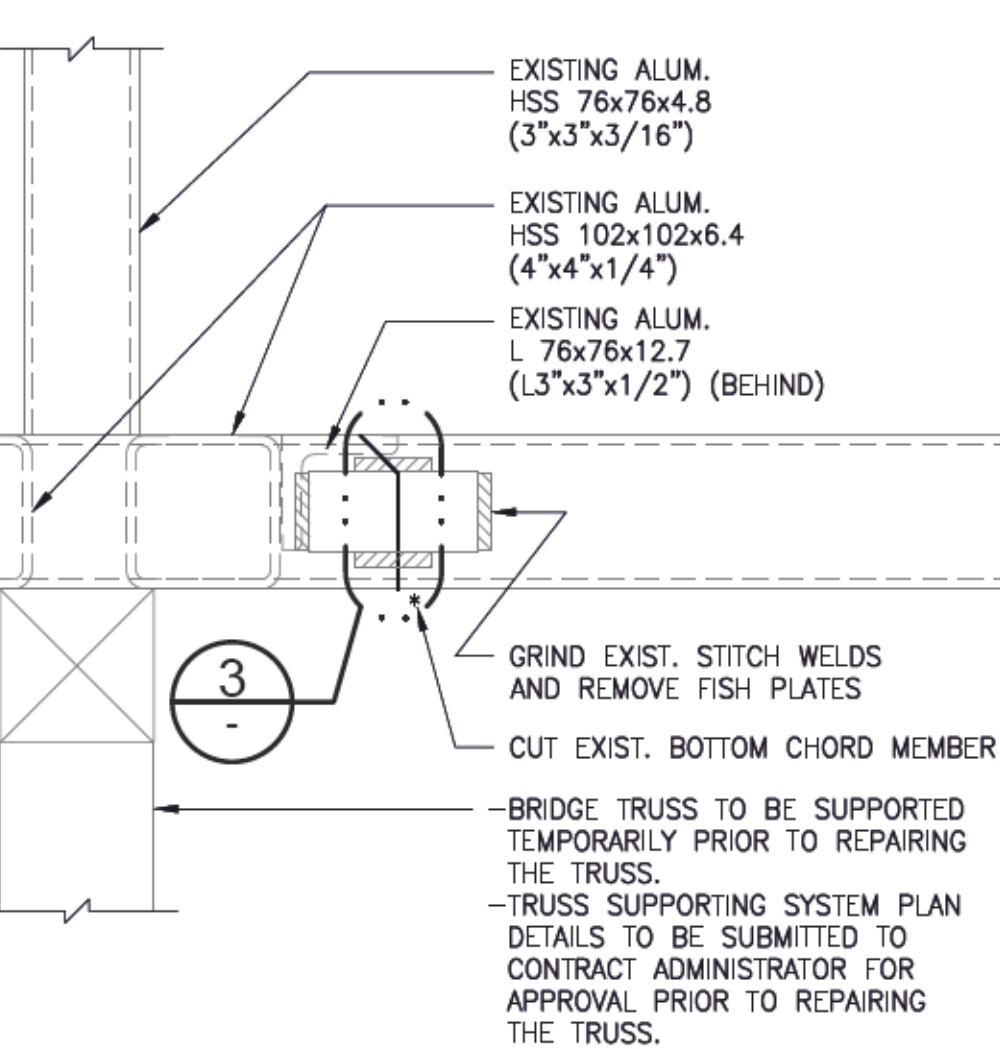


1 DETAIL (SW CORNER) EXISTING

SCALE:1:5

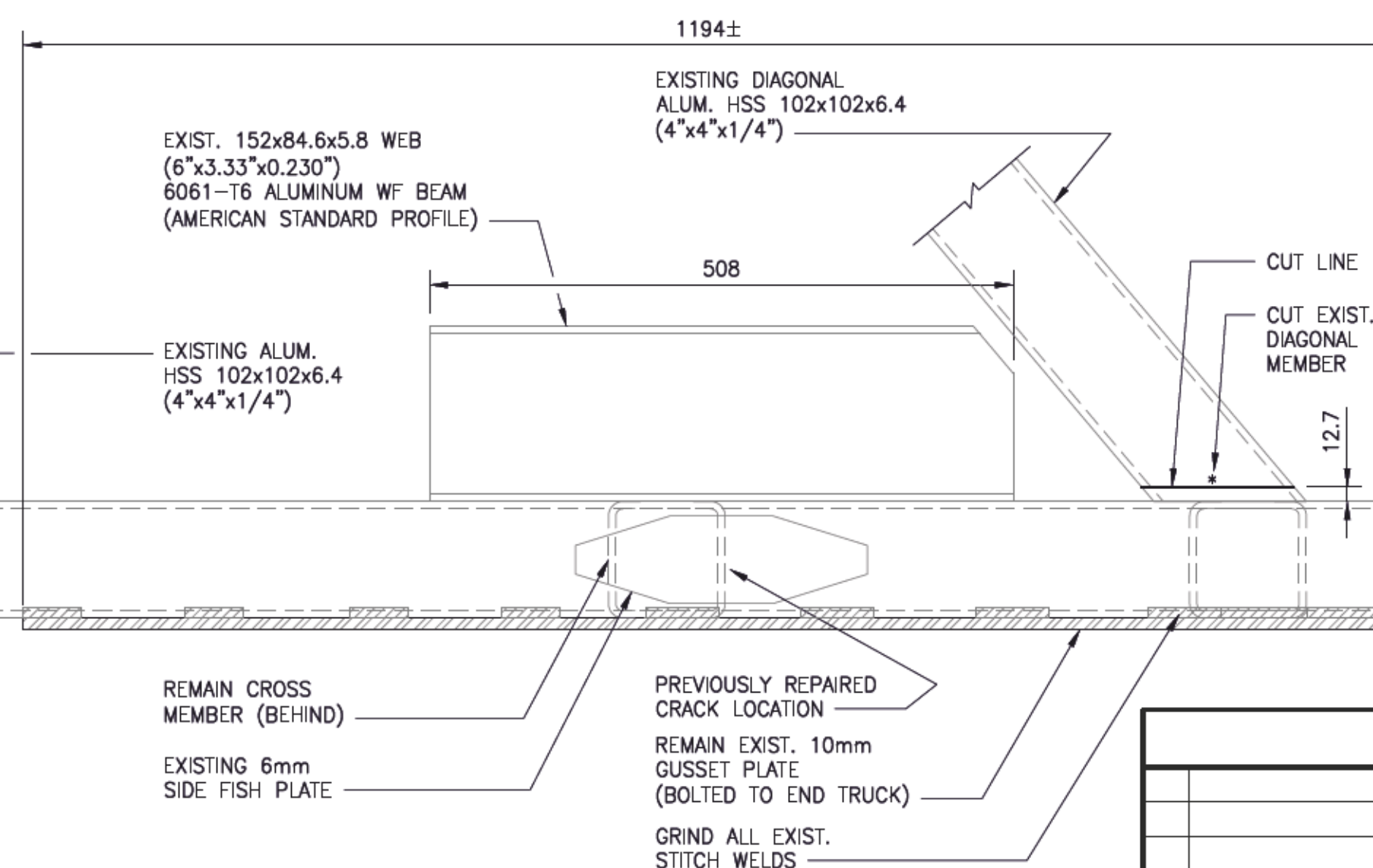
**3** DETAIL

SCALE:1:2



## SECTION A-A

SCALE:1:5



NOTES:

1. REPAIRS SHALL BE MADE WHEN THE BRIDGE IS IN THE "DRY DOCKED" POSITION AND THE SLUDGE SCRAPER IS SUPPORTED FROM BELOW AND NOT ADDING LOAD TO THE BRIDGE.
2. THE FOLLOWING REPAIR PROCEDURE STEPS ARE TO BE TAKEN AS TO NOT FURTHER COMPROMISE THE JOINT:
  - STEP 1: SUPPORT AND/OR CLAMP THE BRIDGE MEMBERS TO ENSURE ALIGNMENT IS MAINTAINED.
  - STEP 2: GRIND OFF THE SPECIFIED EXIST. STITCH WELDS FOR INSTALLATION OF NEW STITCH WELD AT ALL THREE CORNERS OF THE TRUSS AS SHOWN.
  - STEP 3: WELD EXIST. MEMBERS USING AN APPROPRIATE FILLER METAL TO MITIGATE POTENTIAL HOT CRACKING.
3. REPAIRS ARE BASED ON THE RECOMMENDATIONS IN THE OCTOBER 2020 "PRIMARY CLARIFIER No. 3 TRUSS ANALYSIS AND CRACK REPAIR" REPORT BY KGS GROUP.

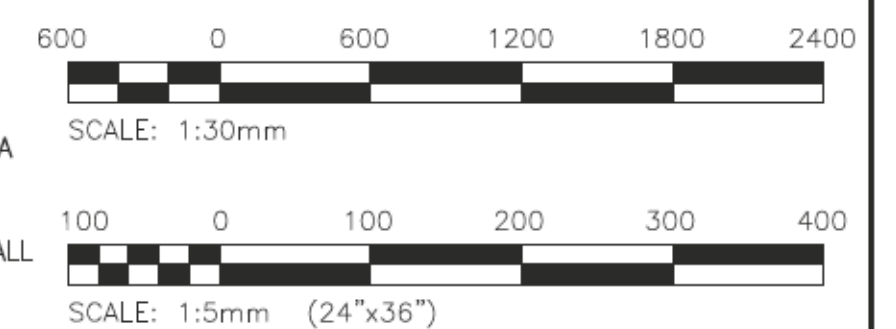
2 DETAIL (TYP. 3 LOC.) EXISTING



SCALE:1:5

(NE, SE & NW CORNERS)

S ALUMINUM:

1. ALUMINUM SHALL BE IN ACCORDANCE WITH CAN/CSA S157-05 (R2010) AND THE ALUMINUM ASSOCIATION "2015 SPECIFICATION FOR ALUMINUM STRUCTURES". ALUMINUM FOR PLATES AND EXTRUDED SHAPES SHALL BE TYPE 6061-T651.
2. ALUMINUM WELDING SHALL BE IN ACCORDANCE WITH CSA W59.2-M1991 (R2013) BY WELDERS CERTIFIED AND QUALIFIED IN ACCORDANCE WITH CSA W47.2-11. ALL WELDS TO BE 6mm UNLESS OTHERWISE NOTED.
3. SUBMIT WELDER QUALIFICATIONS AND PROCEDURES FOR REVIEW PRIOR TO FIELD WELDING.



					<div>KGS GROUP</div>		ENGINEER'S SEAL		<div><div></div><div>THE CITY OF WINNIPEG</div><div>WATER AND WASTE DEPARTMENT</div></div>				
							<div><div>PROVINCE OF MANITOBA</div><div></div><div>2021-06-01</div></div>		<div>SOUTH END SEWAGE TREATMENT PLANT (SEWPPC)</div> <div>PRIMARY CLARIFIERS REFURBISHMENT WORKS</div> <div>PRIMARY CLARIFIER 3 BRIDGE</div> <div>STRUCTURAL</div> <div>PLAN, SECTIONS &amp; DETAILS</div>				
					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						
00 ISSUED FOR CONSTRUCTION					CONSULTANT NO.: 21-0107-003_S02				CITY DRAWING NUMBER 1-0102-SGAD-P003		SHEET 001	REV. 00	SIZE A1
NO. REVISIONS					DATE		DESIGN CHECK						