

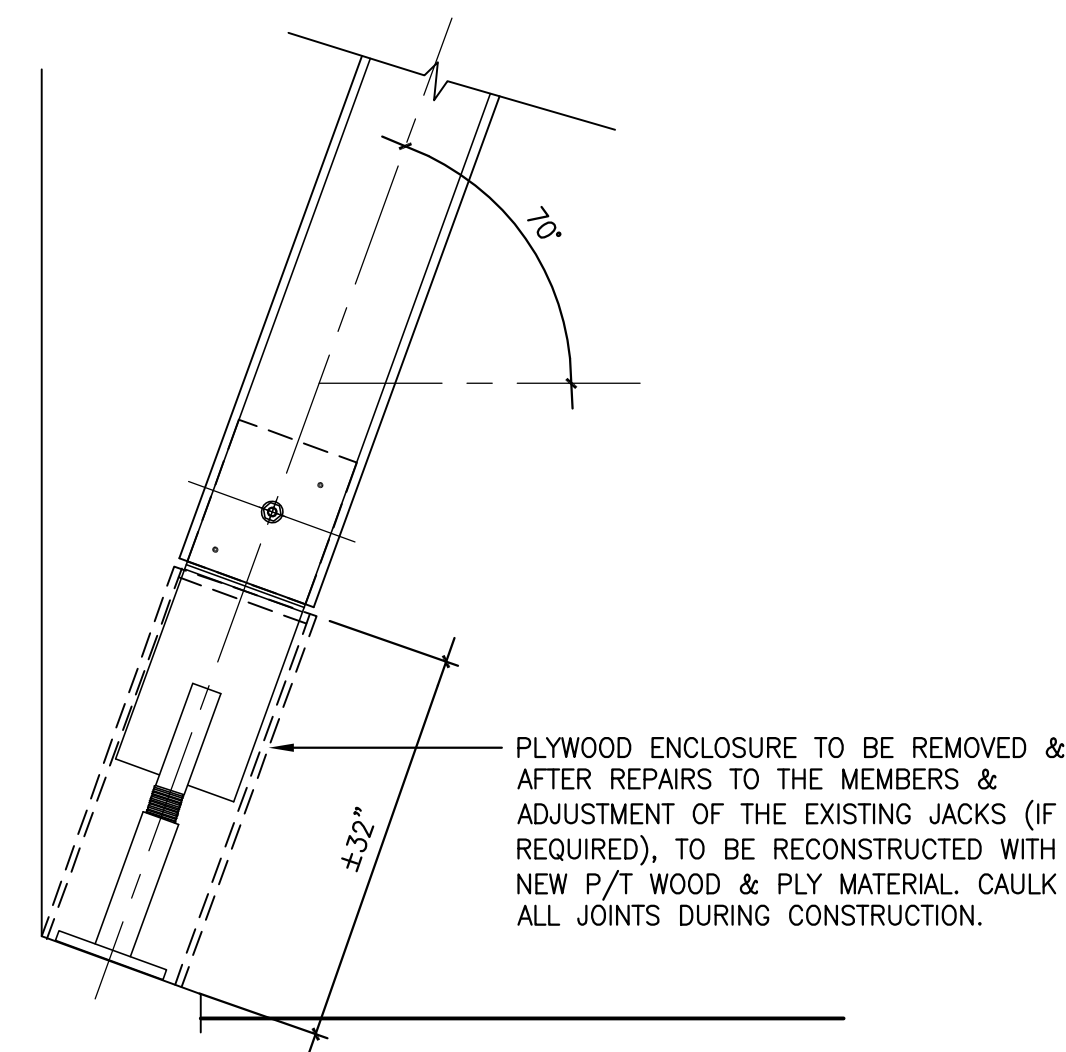
EXTERIOR FRAME OVERHANG TYPE 1 - EXISTING

3/4" TO ONE FOOT

EXISTING STEEL TIE SADDLE REMOVAL

SEE DRAWINGS S-3 & S-4 FOR REPAIR PROCEDURES ON VARIOUS TYPES OF EXISTING DAMAGE.

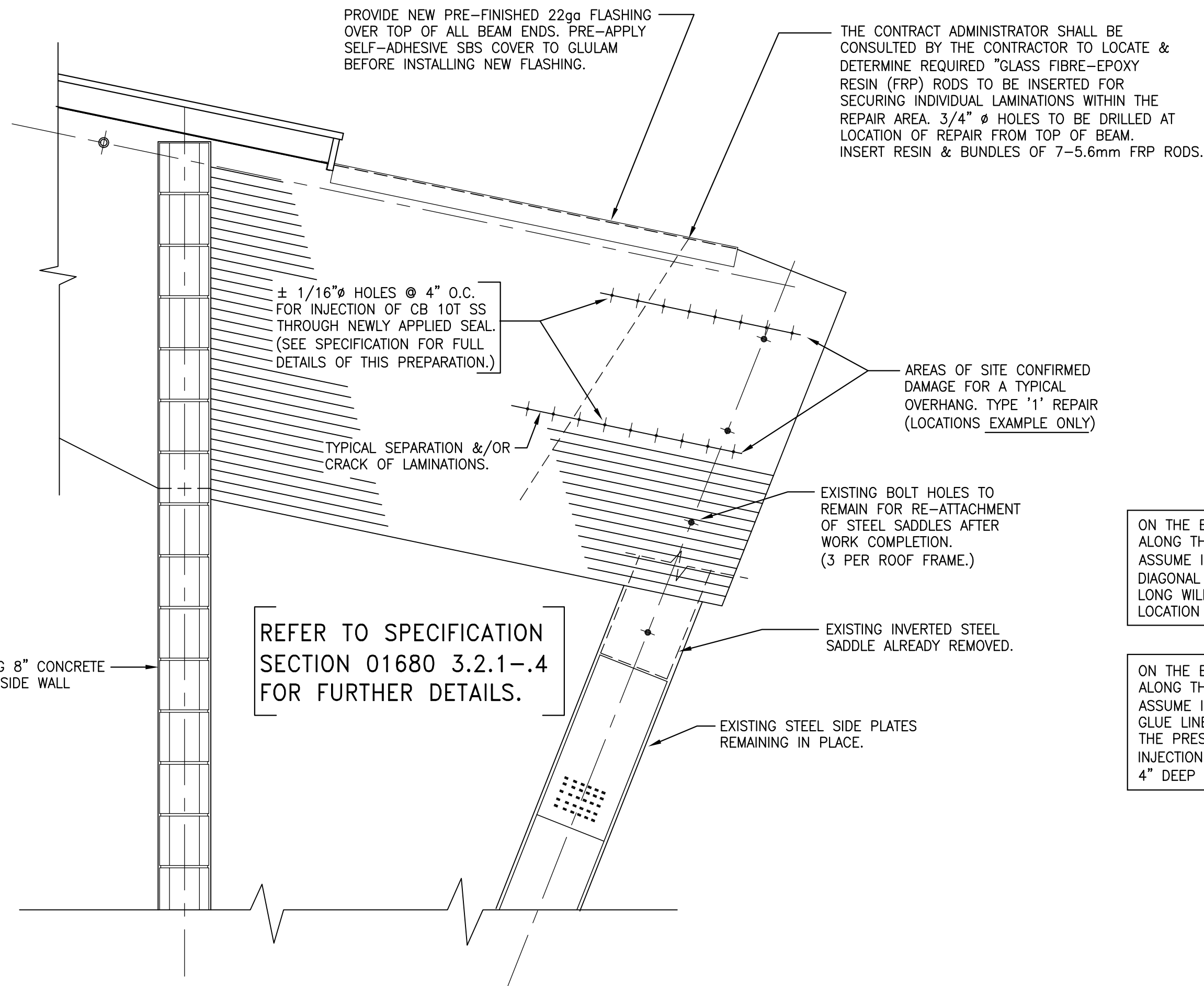
ANY MODIFICATIONS &/OR DEMOLITION OF TIE MEMBERS MUST ONLY BE ATTEMPTED AFTER THE FULL ENGINEER DESIGNED SPECIFIED PROPPING & SHORING OF THE SUBJECT ARCH PEAK IS SECURELY IN PLACE & IS SUPPORTING AGAINST ANY DEFLECTION OF THE FRAME COMPONENTS.



ELEVATION OF ENCLOSURE OF FRAME TIE DOWN

3/4" TO ONE FOOT

NEW REPAIR WORK TO TIE FOUNDATION ENCLOSURE



EXTERIOR FRAME OVERHANG TYPE 1 REPAIR

3/4" TO ONE FOOT

REPAIR WORK TO GLULAM OVERHANG

REFER TO SPECIFICATION SECTION 01680 3.2.1-.4 FOR FURTHER DETAILS.

REPAIR SEQUENCE (THIS LIST IS TO BE READ IN CONJUNCTION WITH SUPPLIED SPECIFICATIONS TO COVER ALL TYPES OF REPAIR.)

- 1) SELECTED FRAME APEX JOINT TO BE SECURELY PROPPED WITH APPROVED ENGINEERED SUPPORT SYSTEM.
- 2) EXTERIOR FRAME END STEEL TIE-DOWN INVERTED SADDLE TO BE SAWN OR GAS CUT IN LOCATIONS SHOWN ON DWG S-3.
- 3) REMOVE BOLTS IN SIDE PLATES & REMOVE INVERTED SADDLE.
- 4) SAND BLAST ALL EXPOSED BEAM ENDS TENSION TIES, BLOCKING PIECES, & STEEL COMPONENTS.
- 5) INSPECT ALL AREAS OF CRACKS, & FISSURES FULLY REMOVING ANY ROTTED SECTIONS OF LAMINATIONS WHERE FOUND.
- 6) DRILL ±1/16" HOLES THROUGH NEWLY SEALED PORTIONS FOR RESIN INJECTION WHERE NEW CHASE/FILLETS ARE NOT REQUIRED. (i.e. TYPE [1] SECTION 3.2.1 TO .4 REQUIREMENT)
- 7) INJECT RESIN IN LAMINATION SEPARATIONS PREPARED IN NOTE (6)
- 8) CUT CHASE SLOTS WHERE ROT HAS BEEN REMOVED & PARALLEL TO EXIST. LAMINATIONS. (i.e. TYPE [2] SECTION 3.3.1 TO .6 & TYPE [3] SECTION 3.4.1 TO .4 REQUIREMENT)
- 9) INSTALL NEW MATCHED FILLETS ALONG NEWLY CUT CHASES.
- 10) SAND SURFACES READY FOR PAINTING & PAINT ALL EXPOSED WOOD AREAS
- 11) CLEAN & PRIMER/PAINT EXISTING STEEL SADDLE BOTH SIDES WITH GALV-RICH PAINT BEFORE REFITTING.
- 12) RE-INSTALL EXISTING PREPARED INVERTED SADDLE INCLUDING NEW GALVANIZED BOLTS & NEW WELDED STEEL SPLICE PLATES. (i.e. SPEC. SECTION 3.6.1 TO .3)
- 13) REPAIR/REPLACE DOUBLE GLULAM TIES & BLOCKING ALL SIDES/BASES. (i.e. SPEC. SECTION 3.5.1 TO .5)
- 14) RE-ADJUST LEVEL OF PROPPED ROOF FRAME BY EXIST. SCREW JACKS IF REQUIRED & CONSTRUCT NEW BASE ENCLOSURE - ALL BASES.
- 15) FINAL PAINTING OF ALL COMPONENTS TO CITY OF WINNIPEG REQUIREMENTS
- 16) INSTALL NEW PRE-FINISHED TOP FLASHING TO TOP EDGE OF GLULAM BEAM.
- 17) INSTALL NEW FASCIA BOARD ALONG LENGTH OF WALL AFTER BACK PRIMING.

ON THE BASIS OF REPAIRING TEN(10) BEAM ENDS ALONG THE EAST SIDE, THE CONTRACTOR SHALL ASSUME IN PRICING THE WORK THAT FOUR(4) DIAGONAL INSERTS OF 7 - 5.6mm RODS X 4'-0" LONG WILL BE REQUIRED FOR EACH BEAM. THE FINAL LOCATION & LENGTH TO BE DETERMINED ON SITE.

ON THE BASIS OF REPAIRING TEN(10) BEAM ENDS ALONG THE EAST SIDE, THE CONTRACTOR SHALL ASSUME IN PRICING THE WORK THAT 1,000'-0" OF GLUE LINE INJECTION WILL BE REQUIRED FOLLOWING THE PRESCRIBED METHODOLOGY. EACH LINE OF INJECTION SHALL BE ASSUMED TO BE 1/8" WIDE X 4" DEEP INTO THE BEAM.

NO.	DESCRIPTION	DATE	BY

REVISIONS (READ UP)

ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER.
 NO REPRODUCTIONS MAY BE MADE WITHOUT THE CONSENT OF THE ENGINEER AND ALL REPRODUCTIONS MUST BEAR THE NAME OF THE ENGINEER.
 THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS NOTED ON THE DRAWINGS WITH CONDITIONS ON SITE, AND SHALL BE RESPONSIBLE FOR REPORTING ANY ERRORS OR OMISSIONS TO THE ENGINEER FOR ADJUSTMENT.
 THIS DRAWING SHALL NOT BE SCALED.

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CONSULTANT

ARCHITECT

ENGINEER

PROJECT

CITY OF WINNIPEG
 PUBLIC WORKS DEPT.
 WINNIPEG, MANITOBA

SHEET TITLE

ROLAND MICHENER ARENA
 REPAIRS FOR OVERHANGS

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