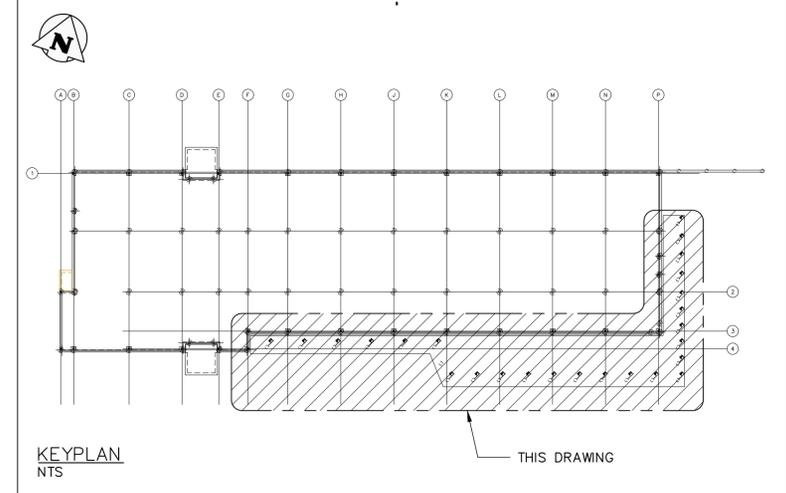


EXIST. 38x235 P.T. WD. JOISTS @ 400 O.C. TO BE SALVAGED AND REUSED, CUT OFF JOISTS 150mm FROM LEDGER TO REMOVE FROM EXIST. JOIST HANGER. CONTRACTOR TO CONFIRM CONDITION OF JOIST PRIOR TO REMOVAL FOR SLAVAGE

5-PLY 38x235 P.T. WD. BEAM TO BE REMOVED AND REPLACED



EXISTING C.I.P. PILE SCHEDULE			
MARK	SIZE	LENGTH	REINFORCEMENT
P1	406mmØ	8600mm	6-15M VERTS. 10M TIES @ 600mm O/C

PARTIAL PLAN – EXISTING DECK FRAMING

SCALE: 1:100

GENERAL NOTES:

- THIS STRUCTURE HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF PART 9 OF THE MANITOBA BUILDING CODE-2024.
- ALL SPECIFICATIONS AND CODES SPECIFIED SHALL BE THE LATEST REVISION AVAILABLE.
- SITE VERIFY ALL DIMENSIONS, ELEVATIONS, DETAILS, QUANTITIES AND CONDITIONS PRIOR TO START OF ANY DEMOLITION, CONSTRUCTION OR PREFABRICATION OF ANY STRUCTURAL COMPONENT.
- EXISTING STRUCTURAL SUPPORTS WHICH INTERFERE WITH NEW WORK SHALL BE RELOCATED UPON APPROVAL BY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL ENSURE THAT ALL BURIED SERVICES ARE LOCATED AND MARKED PRIOR TO EXCAVATION.
- ALL BUILDING SYSTEMS COMPONENTS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER UNLESS SPECIFIED OTHERWISE.
- SHIP, STORE, HANDLE, ERECT, INSTALL, ETC. ALL BUILDING MATERIALS, COMPONENTS, FIXTURES, EQUIPMENT, ETC. AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL DEMOLITION, FABRICATION, CONSTRUCTION, ETC. SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT BUILDING CODES, AND LOCAL BYLAWS AND ORDINANCES.
- EACH TRADE SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE PROTECTION FOR THE EXISTING FACILITY/PROPERTY TO PREVENT PHYSICAL DAMAGE AND LOSS OF VALUE OR USE OF ANY KIND, AS A RESULT OF DEMOLITION, CONSTRUCTION AND RELATED ACTIVITIES.
- TIME AND DURATION OF ANY NECESSARY DISRUPTION IN THE USE OF ANY ROOM, SPACE, SERVICE, EQUIPMENT, ETC. SHALL BE COORDINATED WITH, AND APPROVED BY THE OWNER AT THE START OF THE PROJECT. PROVIDE OWNER WITH MINIMUM ONE WEEK NOTICE (OR AS REQUIRED) PRIOR TO EACH ACTUAL OCCURRENCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE OWNER AND THE DESIGN ENGINEER OF ANY PREVIOUSLY UNNOTICED PRE-EXISTING FLAW OR CONDITION THAT MIGHT INCREASE THE SCOPE OF WORK OR COMPROMISE NEW CONSTRUCTION, PRIOR TO THE START OF DEMOLITION AND CONSTRUCTION, OR AS SOON AS IT IS DISCOVERED.
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE PROJECT TECHNICAL SPECIFICATIONS.

PATCHING:

- PATCH EXISTING FLOOR, WALL, CEILING ASSEMBLIES, ETC. WHERE REQUIRED DUE TO DEMOLITION/RENOVATION WORK TO MATCH EXISTING CONSTRUCTION, MATERIALS, TEXTURES AND FINISHES UNLESS NOTED OR PERMITTED OTHERWISE.
- USE ONLY NEW MATERIALS TO BLEND WITH EXISTING EXCEPT WHERE THE USE OF SALVAGED EXISTING MATERIALS IS NOTED ON DESIGN DRAWINGS.
- EXISTING ASSEMBLIES THAT ARE DAMAGED OR WEAKENED IN ANY WAY DUE TO DEMOLITION AND RENOVATION WORK, SHALL BE RESTORED TO THEIR FORMER STATE BY REINFORCING, REBUILDING, OR REPLACEMENT, TO THE SATISFACTION OF THE OWNER.
- PATCHED WALL AREAS SHALL BE PAINTED TO INCLUDE THE ENTIRE SURFACE PLANE TO THE NEAREST CORNERS AND WALL AND CEILING INTERFACES UNLESS PERMITTED OTHERWISE.

DEMOLITION:

- ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL PERTINENT BUILDING CODES, THE MANITOBA DEPARTMENT OF LABOUR, AND ANY OTHER PROVINCIAL AND LOCAL BY-LAWS, REGULATIONS AND ORDINANCES.
- DEMOLITION SHALL INCLUDE THE SAFE REMOVAL, HAULING AND DUMPING OF ALL DEBRIS, ETC. TO AN APPROVED SITE. ALL COSTS ASSOCIATED WITH THIS OPERATION, INCLUDING TRANSPORT, LICENSES AND FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COORDINATE THE MOVING AND STORAGE OF SALVAGED ITEMS, MATERIALS, EQUIPMENT, ETC. WITH THE OWNER.

STRUCTURAL AND MISCELLANEOUS STEEL:

- STRUCTURAL AND MISCELLANEOUS STEEL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH CAN/CSA S16 2024.
- STRUCTURAL STEEL SHALL MEET THE REQUIREMENTS OF CAN/CSA G40.20/G40.21 2023.

ROLLED SHAPES & PLATES	CSA G40.21-300W
COLD FORMED STEEL	CSA S136-12
ANCHOR BOLTS (GALV.)	ASTM F1554-20, GRADE 36
BOLTS, NUTS, & WASHERS	ASTM F3125-21, GRADE A325
WELDING ELECTRODES	CSA W48-14
- WELDING SHALL BE IN ACCORDANCE WITH CSA W59-18 (R2023), BY WELDERS CERTIFIED AND QUALIFIED IN ACCORDANCE WITH CSA W47.1-19. ALL WELDS TO BE 6mm UNLESS NOTED OTHERWISE.
- FIELD CONNECTIONS SHALL BE BOLTED 19mm DIAMETER A325 BEARING TYPE UNLESS NOTED OTHERWISE. BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH CSA S16 2024.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE FINISHED AS INDICATED BELOW, UNLESS OTHERWISE NOTED, OR APPROVED EQUAL:

EXTERIOR STEEL	
- SURFACE PREP. TO SP6 (COMMERCIAL BLAST)	
- ONE PRIME COAT INTERZINC 52 ZINC-RICH EPOXY (2.5 MIL DFT.)	
- ONE FINISH COAT INTERGARD 345 HIGH BUILD EPOXY (6.0 MIL DFT.)	
GALVANIZED STEEL	
- SURFACE PREP. TO SP8 (PICKLING)	
- HOT DIPPED GALVANIZED TO ASTM A123/123M-17	

- FIELD TOUCH-UP WITH ZINC-RICH COATING TO MATCH GALVANIZED STEEL. ACCEPTABLE PRODUCT: ZINGA OR APPROVED EQUAL.
- FIELD TOUCH-UP PAINT TO CONNECTIONS, WELDS, BURNED OR DAMAGED SURFACES, AND UNFINISHED SURFACES AT COMPLETION OF ERECTION AND SHALL MATCH THICKNESS AS SPECIFIED.
- PAINTED SURFACES OF EXISTING STEEL SHALL BE GROUND SMOOTH TO BARE METAL PRIOR TO FIELD WELDING.

WOOD FRAMING:

- FRAMING LUMBER SHALL BE GRADED IN ACCORDANCE WITH NGLA "STANDARD GRADING RULES FOR CANADIAN LUMBER".
- MINIMUM GRADES TO BE AS FOLLOWS:

COMPONENT	GRADE
BUILT-UP BEAMS	S-P-F NO.2
FLOOR JOISTS	S-P-F NO.2
STUDS AND PLATES (U/N)	S-P-F NO.2
- LUMBER MOISTURE CONTENT NOT TO EXCEED 19%.
- CUT LUMBER NEAT AND SQUARE PROVIDING FULL SURFACE CONTACT WITH ADJOINING MEMBERS.
- PROVIDE METAL HANGERS AT ALL FLUSH CONNECTIONS AND AS DETAILED.
- CARPENTRY CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLY AND ERECTION OF TEMPORARY GUYING AND BRACING TO ENSURE STABILITY OF THE STRUCTURE AS A WHOLE. THESE SHALL REMAIN IN PLACE UNTIL ALL SHEATHING AND PERMANENT BRACING IS INSTALLED.
- PROVIDE MINIMUM 48 HOURS NOTICE FOR FRAMING INSPECTION PRIOR TO CLOSING IN.

U:\FMS\25-0107-007\A-1-2025-03-26_PLOT 1:1 (A-1) 2025-03-26



B.M. N/A ELEV. N/A	COORDINATE SYSTEM: N/A	KGS GROUP	
DESIGNED BY DS	CHECKED BY DJP	ENGINEER'S SEAL	
DRAWN BY FBV	APPROVED BY DJP	PROJECT TITLE	
SCALE: AS NOTED	RELEASED FOR CONSTRUCTION:	BHN LIBRARY DECK AND PATIO REMEDIATION	
ISSUED FOR CONSTRUCTION 26/02/22	DATE 25/05/21	CONSULTANT DRAWING NO. 25-0107-007-S01	SHEET 5 OF 6
NO. REVISIONS	DATE	BY	COMPUTER FILE NAME 25-0107-007_S01
			CITY DRAWING NUMBER N/A

THE CITY OF WINNIPEG
ASSETS AND PROJECT MANAGEMENT

Winnipeg

STRUCTURAL
DEMOLITION PLAN