



E UPPER ROOF FRAMING PLAN
 S3.01 SCALE: 1:125

DESIGN LOADS: BLOWER BUILDING & EXHAUST FAN BUILDING

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| D.L. = STRUCTURE SELF WT. | L.L. SNOW | = 1.6 kPa |
| D.L. MONO-RAIL = 12.0 kN | L.L. MONO RAIL | = 26.7 kN |
| D.L. MECH./PIPING = 2.0 kPa | L.L. OCCUPANCY | = 2.4 kPa |
| D.L. ROOF CONST. = 1.0 kPa | | |
| D.L. MECH. UNITS = AS INDICATED | | |

- NOTE:
- FOR SCHEDULE OF MASONRY LINTELS SEE DWG S0.03
 - ALL OPENINGS INDICATED IN PRECAST DOUBLE TEES SHALL BE FACTORY FORMED.
 - DURING INSTALLATION OF ALL PRECAST DOUBLE TEE'S AND HOLLOWCORE ROOF PLANKS ALL LIFTING EQUIPMENT, TRUCKS, ETC. SHALL STAY A MINIMUM OF 9.0m AWAY FROM THE PERIMETER TANK WALLS OF THE SBR'S AND EQUALIZATION TANK.

NOTE:
 MONO RAIL TO BE SUSPENDED FROM HOLLOWCORE PLANKS ABOVE.

- PRECAST HOLLOWCORE NOTES:
- HOLLOWCORE PLANK SUPPLIER TO PROVIDE DESIGN CALCULATIONS AND SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE DESIGN LOADS, OPENINGS, AND SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA.
 - ALL OPENINGS IN HOLLOWCORE PLANKS SHALL BE SHOP FABRICATED. DESIGN AND SUPPLY OF ALL HANGERS AT OPENINGS ARE THE RESPONSIBILITY OF PRECAST HOLLOWCORE PLANK SUPPLIER.
 - ALL NOTCHED OUT AREAS FOR GROUT BARS SHALL BE PROVIDED. ALL REQUIRED GROUT BARS & DOWELS TO BOND BEAMS SHALL BE PROVIDED BY PRECAST HOLLOWCORE PLANK SUPPLIER.
 - PROVIDE ALL BEARING PADS AS REQUIRED.



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| B.M. ELEV. | | | | | |
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ENGINEER'S SEAL
 ORIGINAL SIGNED BY
 L.L. RIDING
 2006/05/15
 CONSULTANT DRAWING NO.
 S3.01

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT NITROGEN REMOVAL FACILITY

STRUCTURAL
 SBR BUILDING
 UPPER ROOF FRAMING PLAN

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER
 1-0101C-B-S0003-001-01D