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Revision	Description	Date
0	ISSUED FOR CONSTRUCTION	2018/05/14
Client		client

**CORRECTIONAL SERVICE
CANADA (CSC)**

**Stony Mountain Institution (SMI)
Stony Mountain, Manitoba**

Project title
**C17 STORES
Stony Mountain Institution (SMI)
Stony Mountain, Manitoba**

Project
FREEZER REPLACEMENT

Designed by
A.J.G.

Conçu par
A.J.G.

Drawn by
GDP

Dessiné par
GDP

Approved by
T.M.L.

Approuvé par
T.M.L.

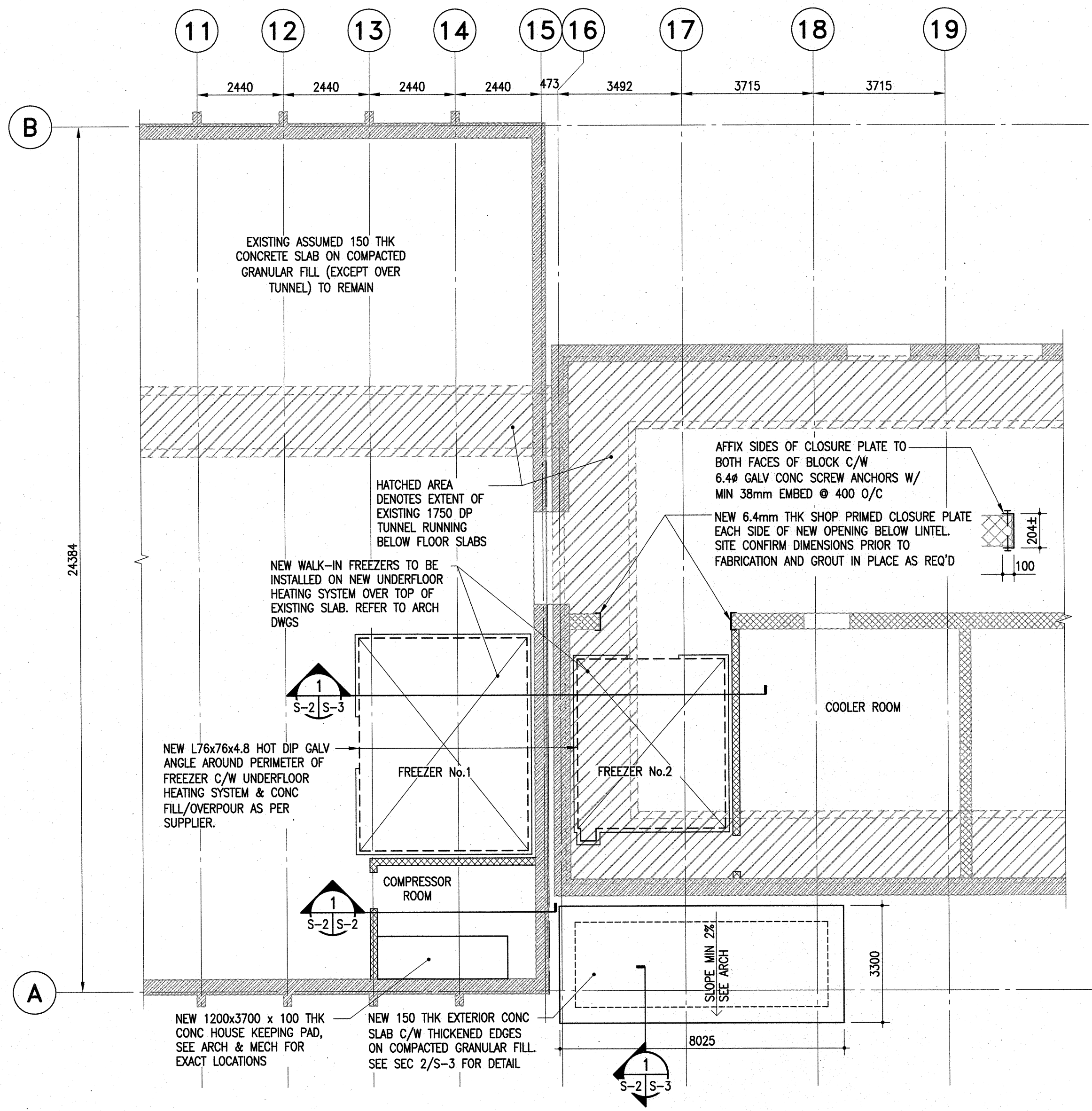
PWOSC Project Manager
T.M. LODGE

Administrateur de Projets
T.M. LODGE

Drawing title
**PARTIAL MAIN FLOOR
AND ROOF & CEILING PLANS
AND SECTION**

Titre du dessin

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.086718.001	S-2 OF 3	0



PARTIAL MAIN FLOOR PLAN

1 : 100
LIVE LOAD = 4.8kPa
DEAD LOAD = 3.6kPa (150 SLAB)
1.2kPa (SUPERIMPOSED)

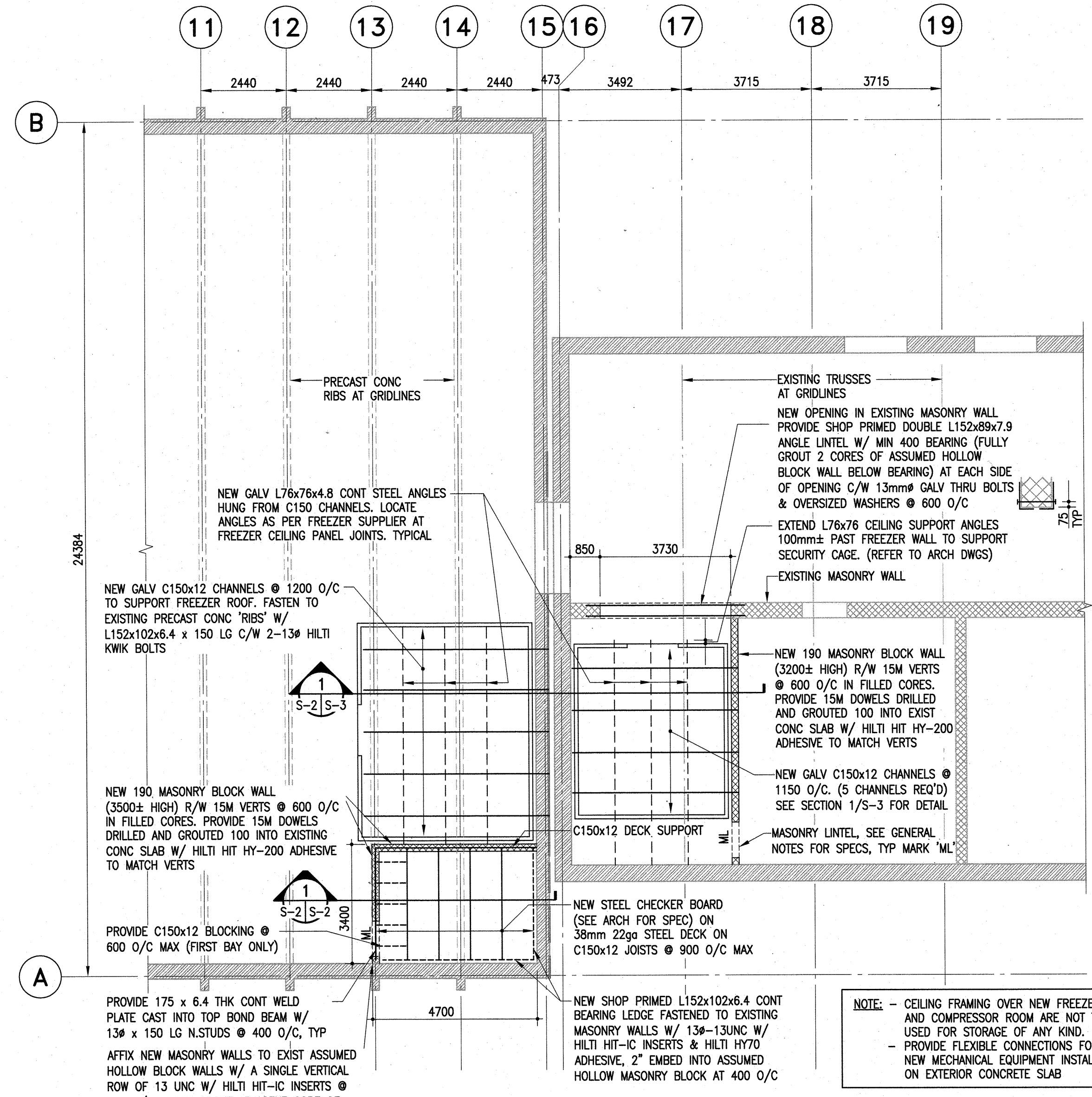
16 GAUGE DIAMOND PATTERN STEEL FLOOR PLATE ON 38mm 22ga STEEL DECK ON SHOP PRIMED C150x12 CHANNELS @ 900 O/C MAX TO SUPPORT COMPRESSOR ROOM CEILING. SEE ARCH FOR ELEVATIONS

PROVIDE CONT SHOP PRIMED 175 x 6.4 EMBED PLATE CAST INTO TOP BOND BEAM W/ 13# x 150 LG N-STUDS @ 400 O/C (SEE DETAIL A THIS DRAWING)

NEW 190 MASONRY BLOCK WALL R/W 15M VERTS @ 600 O/C IN FILLED CORES. PROVIDE 15M DOWELS DRILLED AND GROUTED 100 INTO EXISTING CONC SLAB W/ HILTI HIT HY-200 ADHESIVE TO MATCH VERTS

EXISTING 150 THK CONC SLAB ON COMPACTED GRANULAR FILL

**1 SECTION
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PARTIAL ROOF & INTERIOR CEILING FRAMING PLAN

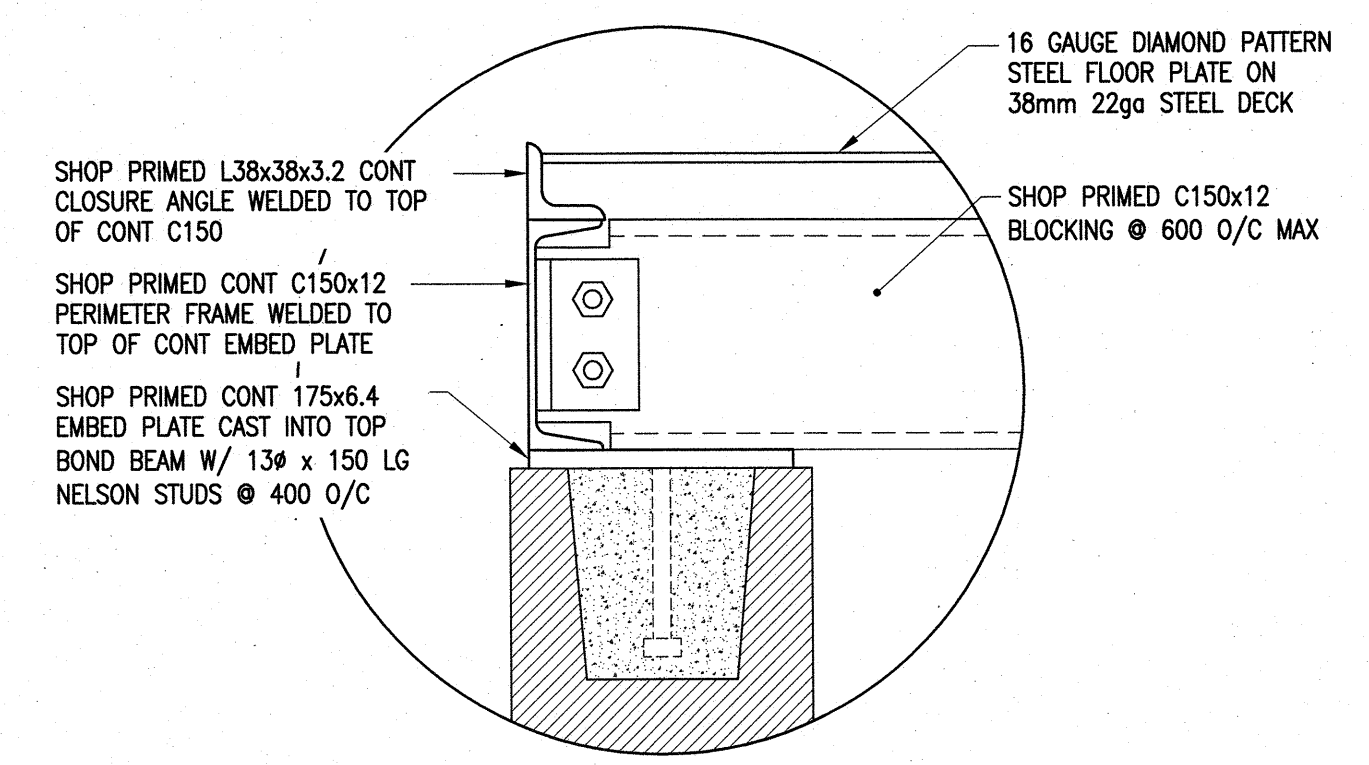
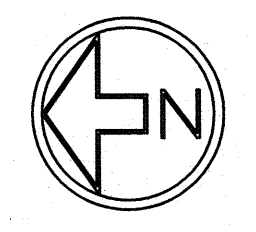
1 : 100
LIVE LOAD = 1.72kPa (SNOW - EXIST ROOF STRUCTURE)
1.0kPa (FREEZER & MECHANICAL ROOM CEILINGS)
DEAD LOAD = 4.8kPa (PC CONC PANELS)
2.4kPa (STEEL TRUSSES)

PROVIDE 175 x 6.4 THK CONT WELD PLATE CAST INTO TOP BOND BEAM W/ 13# x 150 LG N-STUDS @ 400 O/C, TYP

AFFIX NEW MASONRY WALLS TO EXIST ASSUMED HOLLOW BLOCK WALLS W/ A SINGLE VERTICAL ROW OF 13 UNC W/ HILTI HIT-IC INSERTS @ 600 O/C. FULLY GROUT ADJACENT CORE OF EXIST WALL AND R/W 1-15M VERT. ENSURE THREADED ROD PROTRUDES FROM EXIST WALL TO ALLOW TYING INTO NEW 15M VERTS IN ADJACENT GROUTED CORE OF NEW WALL, TYPICAL

NEW SHOP PRIMED L152x102x6.4 CONT BEARING LEDGE FASTENED TO EXISTING MASONRY WALLS W/ 13#-13UNC W/ HILTI HIT-IC INSERTS & HILTI HY70 ADHESIVE, 2" EMBED INTO ASSUMED HOLLOW MASONRY BLOCK AT 400 O/C

NOTE: - CEILING FRAMING OVER NEW FREEZERS AND COMPRESSOR ROOM ARE NOT TO BE USED FOR STORAGE OF ANY KIND.
- PROVIDE FLEXIBLE CONNECTIONS FOR ALL NEW MECHANICAL EQUIPMENT INSTALLED ON EXTERIOR CONCRETE SLAB



**A DETAIL
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