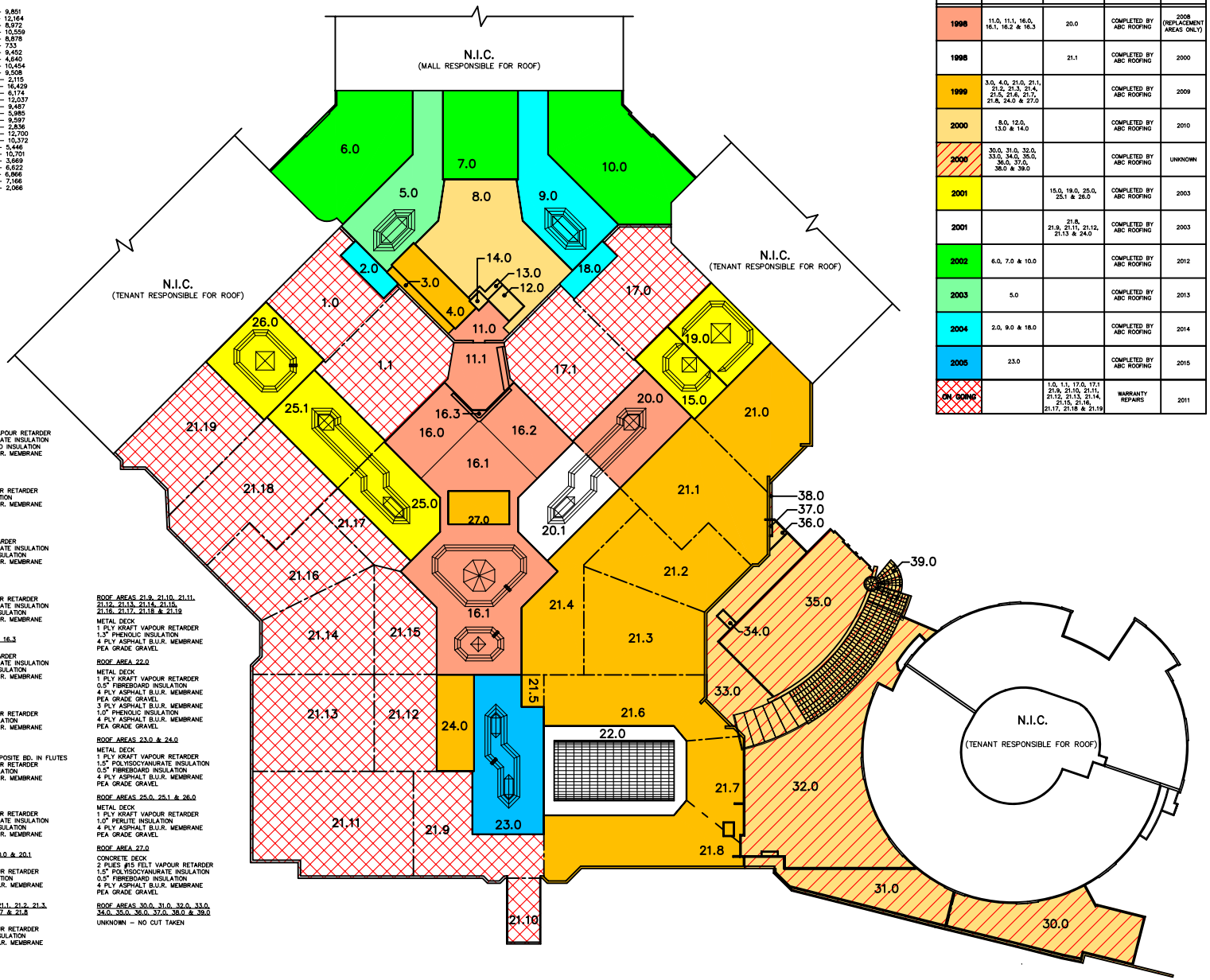
ROOF AREAS (SQ. FT.)

1.0 – 7,902	21.0 – 9,851
1.1 – 11,541	21.1 – 12,164
2.0 – 1,300	21.2 – 5,972
3.0 – 736	21.3 – 10,559
4.0 – 2,899	21.4 – 5,878
5.0 – 8,746	21.5 – 733
6.0 – 12,166	21.6 – 9,492
7.0 – 6,773	21.7 – 4,640
8.0 – 12,335	21.8 – 10,454
9.0 – 8,731	21.9 – 9,508
10.0 – 12,948	21.10 – 2,115
11.0 – 1,528	21.11 – 16,429
11.1 – 3,135	21.12 – 6,174
12.0 – 639	21.13 – 12,037
13.0 – 237	21.14 – 9,487
14.0 – 189	21.15 – 5,985
15.0 – 4,023	21.16 – 9,597
16.0 – 4,282	21.17 – 2,836
16.1 – 21,103	21.18 – 12,700
16.2 – 4,282	21.19 – 10,372
16.3 – 140	22.0 – 5,446
17.0 – 10,269	23.0 – 10,701
17.1 – 11,848	24.0 – 3,869
18.0 – 1,290	25.0 – 6,622
19.0 – 5,377	25.1 – 6,866
20.0 – 6,890	26.0 – 7,166
20.1 – 6,539	27.0 – 2,066

TOTAL = 383,329 SQ.FT.



YEAR	ROOF AREAS REPLACEMENT	ROOF AREAS REPAIRS	CONTRACTOR	WARRANTY EXPIRES
1998	11.0, 11.1, 16.0, 16.1, 16.2 & 16.3	20.0	COMPLETED BY ABC ROOFING	2008 (REPLACEMENT AREAS ONLY)
1998		21.1	COMPLETED BY ABC ROOFING	2000
1999	3.0, 4.0, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 24.0 & 27.0		COMPLETED BY ABC ROOFING	2009
2000	8.0, 12.0, 13.0 & 14.0		COMPLETED BY ABC ROOFING	2010
2000	30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0 & 39.0		COMPLETED BY ABC ROOFING	UNKNOWN
2001		15.0, 19.0, 25.0, 25.1 & 26.0	COMPLETED BY ABC ROOFING	2003
2001		21.8, 21.9, 21.11, 21.12, 21.13 & 24.0	COMPLETED BY ABC ROOFING	2003
2002	6.0, 7.0 & 10.0		COMPLETED BY ABC ROOFING	2012
2003	5.0		COMPLETED BY ABC ROOFING	2013
2004	2.0, 9.0 & 18.0		COMPLETED BY ABC ROOFING	2014
2005	23.0		COMPLETED BY ABC ROOFING	2015
ON GOING		1.0, 1.1, 17.0, 17.1 21.9, 21.10, 21.11, 21.12, 21.13, 21.14, 21.15, 21.16, 21.17, 21.18 & 21.19	WARRANTY REPAIRS	2011

EXISTING ROOF COMPOSITIONS:

ROOF AREAS 1.0 & 1.1

METAL DECK
2 PLY VAPOUR RETARDER
1.3" PHENOLIC INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 2.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 3.0 & 4.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 5.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
1.5" FIBREGLASS INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 6.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 7.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 8.0 & 9.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 10.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 11.0 & 11.1

CONCRETE DECK
1 PLY MODIFIED BITUMEN MEMBRANE

ROOF AREA 12.0

CONCRETE DECK
EXISTING MODIFIED BITUMEN MEMBRANE
1.0" FIBREBOARD INSULATION
2 PLY MODIFIED BITUMEN MEMBRANE

ROOF AREA 13.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 14.0

CONCRETE DECK
2 PLY # 15 FELT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
TAPERED FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 15.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.0" PERLITE INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 16.0

CONCRETE DECK
2 PLY VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 16.1

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 16.2 & 16.3

CONCRETE DECK
2 PLY VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 17.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.3" PHENOLIC INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 17.1

METAL DECK W/COMPOSITE BD. IN FLUTES
1 PLY KRAFT VAPOUR RETARDER
1.3" PHENOLIC INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 18.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 19.0, 20.0 & 20.1

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.0" PERLITE INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7 & 21.8

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
2.2" FIBREGLASS INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 21.9, 21.10, 21.11, 21.12, 21.13, 21.14, 21.15, 21.16, 21.17, 21.18 & 21.19

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.3" PHENOLIC INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 22.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL
3 PLY ASPHALT B.U.R. MEMBRANE
1.0" PHENOLIC INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 23.0 & 24.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 25.0, 25.1 & 26.0

METAL DECK
1 PLY KRAFT VAPOUR RETARDER
1.0" PERLITE INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 27.0

CONCRETE DECK
2 PLIES #15 FELT VAPOUR RETARDER
1.5" POLYISOCYANURATE INSULATION
0.5" FIBREBOARD INSULATION
4 PLY ASPHALT B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREAS 30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0 & 39.0

UNKNOWN – NO CUT TAKEN

LEGEND

DRAWING NOT VALID FOR CONSTRUCTION UNLESS SEALED & SIGNED

SEAL:

SEAL:

IRC BUILDING SCIENCES GROUP INC.
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7555 DANBRO CRESCENT, MISSISSAUGA, ONTARIO, L5N 6P9
TEL:905.607.7244 FAX:905.607.7288

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TITLE:	HISTORY ROOF PLAN
CLIENT:	MANAGEMENT CO. INC.
PROJECT:	SOMEWHERE SHOPPING CENTRE 100 MALL DRIVE TORONTO, ONTARIO
IRC #:	55555
W.O.#:	M00–000H
SCALE:	1" = 50'
DATE:	NOV. 10/07
DRN. BY:	T.K.C./F.R.A.
CHK. BY:	A.J.D./D.R.N.
NORTH:	N
DWG.#:	R1