Drawing Section	Drawing Name
100 – Site Service	0421OS_2185-101
100 – Site Service	0421OS_2185-102
100 – Site Service	0421OS_2185-103
100 – Site Service	0421OS_2185-104
100 – Site Service	0421OS_2185-105
100 – Site Service	0421OS_2185-106
100 – Site Service	0421OS_2185-107
100 – Site Service	2185-102 Site – Storm sanitary sewer and water supply
100 – Site Service	Borehole Information
100 – Site Service	Existing Site Plan and Borehole Locations
100 – Site Service	Pavement Details and Standard Details
100 – Site Service	Pavement Profiles and General Details
100 – Site Service	Paving Plan
100 – Site Service	Storm and Sanitary Sewers and Water Supply
200 – Architectural	0421OS_2185-200 Misc. Plan and Site Details
200 – Architectural	0421OS_2185-201 Roof Plan Door and Frame Type
200 – Architectural	0421OS_2185-202
200 – Architectural	0421OS_2185-203
200 – Architectural	0421OS_2185-204
200 – Architectural	0421OS_2185-205
200 – Architectural	0421OS_2185-206
200 – Architectural	0421OS_2185-207
200 – Architectural	0421OS_2185-208
200 – Architectural	0421OS_2185-209
200 – Architectural	0421OS_2185-210
200 – Architectural	0421OS_2185-211
200 – Architectural	0421OS_2185-213
200 – Architectural	0421OS_2185-214
200 – Architectural	0421OS_2185-215
200 – Architectural	0421OS_2185-216
200 – Architectural	0421OS_2185-217
200 – Architectural	0421OS_2185-218
200 – Architectural	0421OS_2185-219
200 – Architectural	0421OS_2185-220
200 – Architectural	0421OS_2615-201
200 – Architectural	2185-200 Storage Tracks – Development Plan and Misc. Details
200 – Architectural	2185-201 Architectural
200 – Architectural	2185-201 Storage Tracks - Roof Plan, Door and Frame Types
200 – Architectural	2185-202 Storage Tracks - Floor Plan and Details
200 – Architectural	2185-204 Storage Tracks - Floor Plan and Miscellaneous Details
200 – Architectural	2185-205 Storage Tracks - Elevations and Building Sections
200 – Architectural	2185-206 Storage Tracks - Wall Sections and Details
200 – Architectural	2185-207 Storage Tracks - Floor Plan and Miscellaneous Details
200 – Architectural	2185-208 Architectural
200 – Architectural	2185-208 Overhaul and Repair – Floor Plan & Details
200 – Architectural	2185-209 Streets and Traffic - Floor Plan and Details
200 – Architectural	2186-210 Architectural
200 – Architectural	2185-210 Overhaul and Repair – Elevations and Building Sections
200 – Architectural	2185-211 Architectural

200 – Architectural	2185-211 Overhaul and Repair - Wall Sections and Details
200 – Architectural	2185-212 Architectural
200 – Architectural	2185-212 Overhaul and Repair - Miscellaneous Details
200 – Architectural	2185-213 Administration - Basement and Main Reflected Ceiling
200 – Architectural	2185-214 Administration - Second Floor and Roof – Reflected Ceiling
200 – Architectural	2185-215 Administration - Elevations and Building Sections
200 – Architectural	2185-216 Administration - Wall Sections and Details
200 – Architectural	2185-217 Administration - Window and Entrance Details
200 – Architectural	2615-201 Storage Tracks Addition – Miscellaneous Details
200 – Architectural	2012001TL040
300 – Structural	421OS_2185-301
300 – Structural	421OS_2185-302
300 – Structural	421OS_2185-303
300 – Structural	421OS_2185-304
300 – Structural	421OS_2185-305
300 – Structural	421OS_2185-306
300 – Structural	421OS_2185-307
300 – Structural	421OS_2185-308
300 – Structural	421OS_2185-309
300 – Structural	421OS_2185-310
300 – Structural	421OS_2185-311
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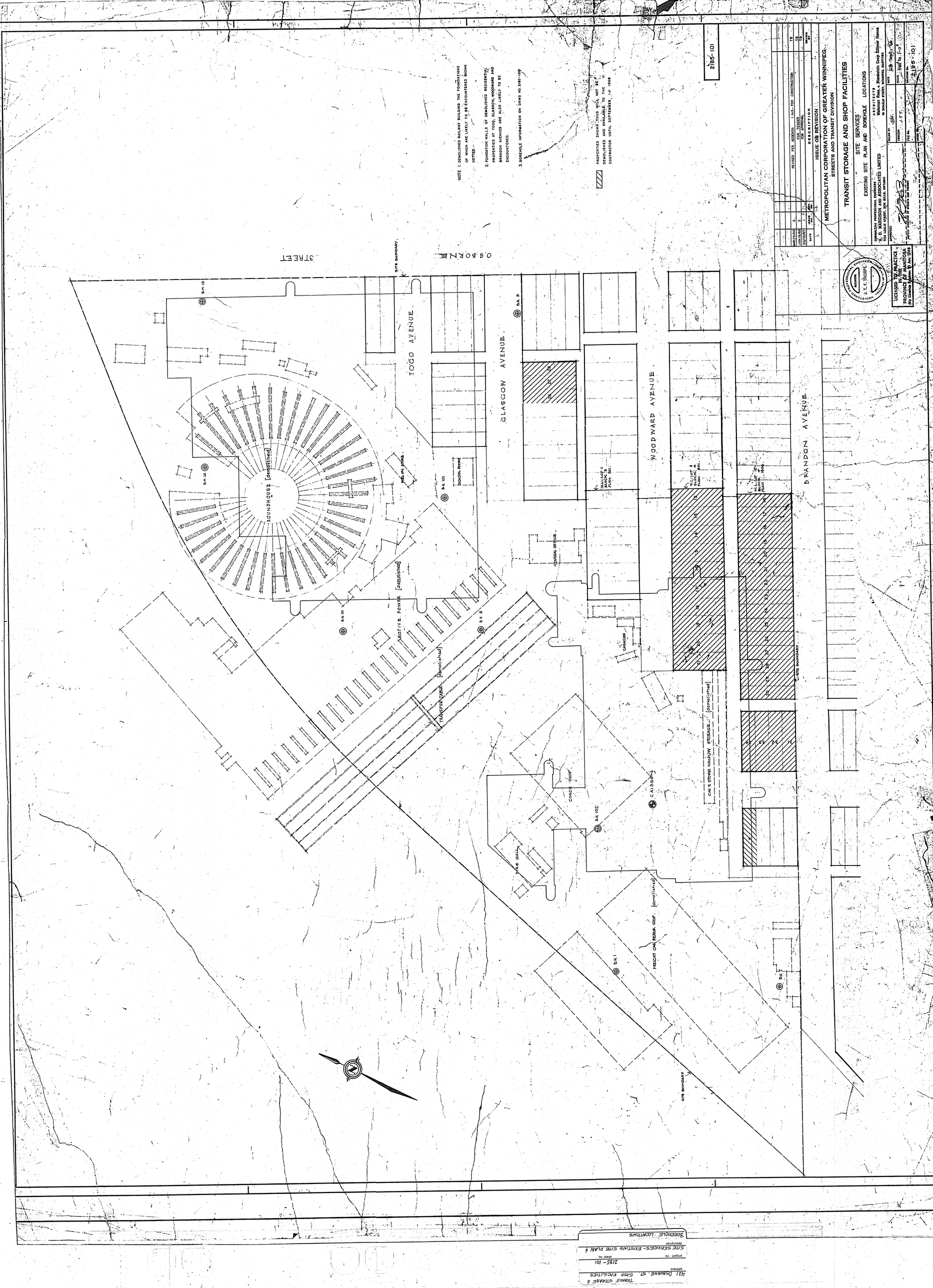
300 – Structural	421OS_2185-314
300 – Structural	421OS_2185-315
300 – Structural	421OS_2185-316
300 – Structural	421OS_2185-317
300 – Structural	421OS_2185-319
300 – Structural	421OS_2185-320
300 – Structural	421OS_2185-321(2)
300 – Structural	421OS_2185-321
300 – Structural	421OS_2185-322
300 – Structural	421OS_2185-323
300 – Structural	421OS_2185-324
300 – Structural	421OS_2185-325
300 – Structural	421OS_2185-326
300 – Structural	421OS_2185-327
300 – Structural	421OS_2185-328
300 – Structural	421OS_2185-329
300 – Structural	421OS_2185-330
300 – Structural	421OS_2185-331
300 – Structural	421OS_2185-332
300 – Structural	421OS_2185-333
300 – Structural	421OS_2185-334
300 – Structural	421OS_2185-335
300 – Structural	421OS_2185-336
300 – Structural	2185-302 Storage Tracks – Foundation Plan II
300 – Structural	2185-317 G Section – Foundation Plan
300 – Structural	2185-318 G Section – Roof Framing
300 – Structural	2185-321 G-Section – Slab Reinf and Hoist Pit Det

300 – Structural	2185-331 Administration – Basement, Foundations and Reinf
300 – Structural	2185-332 Administration - Main Floor and Reinforcement
300 – Structural	2185-333 Administration - 2nd floor and reinforcement
400 – Mechanical Plumbing	0421OS_2185-401 Garage and Service Bay P&D
400 – Mechanical Plumbing	0421OS_2185-402 Garage and Service Bay P&D Detail
400 – Mechanical Plumbing	0421OS_2185-403
400 – Mechanical Plumbing	0421OS_2185-404
400 – Mechanical Plumbing	0421OS_2185-405
400 – Mechanical Plumbing	2185-403 G Section - Plumbing and Drainage
400 – Mechanical Plumbing	2185-405 Administration - Plumbing and Drainage
500 – Mechanical Fire Protection	2185-503 G Section – Fire Protection
600 – Mechanical HVAC	0421OS-2185-601
600 – Mechanical HVAC	0421OS-2185-602
600 – Mechanical HVAC	0421OS-2185-604
600 – Mechanical HVAC	0421OS-2185-614
600 – Mechanical HVAC	0421OS-2185-651
600 – Mechanical HVAC	2185-601 Storage Tracks - HVAC Plan and Schedules
600 – Mechanical HVAC	2185-602 Storage Tracks - HVAC Plan
600 – Mechanical HVAC	2185-603 G Section - HVAC Plan
600 – Mechanical HVAC	2185-604 Ways Streets Lights - HVAC Plan and Details
600 – Mechanical HVAC	2185-605 All Buildings - HVAC Details
600 – Mechanical HVAC	2185-606 All Buildings - HVAC Details
600 – Mechanical HVAC	2185-607 All Buildings - HVAC Details
600 – Mechanical HVAC	2185-608 All Buildings - HVAC Details
600 – Mechanical HVAC	2185-605 Administration – HVAC
600 – Mechanical HVAC	2185-610 Administration - HVAC Details
600 – Mechanical HVAC	2185-611 Administration - Mechanical Eq Layout Details and Schedules
600 – Mechanical HVAC	2185-612 Administration - Mechanical Equipment
600 – Mechanical HVAC	2185-613 Administration - HVAC Hot Chilled water piping schematic
600 – Mechanical HVAC	2185-614 Storage Tracks - HVAC Control Diagrams
600 – Mechanical HVAC	2185-615 All Buildings - HVAC Control Diagrams
600 – Mechanical HVAC	2185-616 Storage Tracks - HVAC Gas Piping Schematic
600 – Mechanical HVAC	2185-651 Bulk Propane Storage Facilities
600 – Mechanical HVAC	2185-651 Site - Bulk Propane
600 – Mechanical HVAC	2185_616 Schematic Gas Piping
700 – Electrical (Building Automation)	M27_Generic spec for hvac and controls Ver3 19 Jan 2015
700 – Electrical (Lighting specs)	E9_PHZ-Holophane
700 – Electrical (Security)	Bosch b series
700 – Electrical (Security)	Care Access ADO wiring diagram
700 – Electrical (Security)	Card Access Mercury
700 – Electrical	0421OS-2185-701
700 – Electrical	0421OS-2185-702
700 – Electrical	0421OS-2185-703
700 – Electrical	0421OS-2185-704
700 – Electrical	0421OS-2185-705
700 – Electrical	0421OS-2185-706
700 – Electrical	0421OS-2185-707
700 – Electrical	0421OS-2185-708
700 – Electrical	0421OS-2185-709
700 – Electrical	0421OS-2185-710

700 – Electrical	0421OS-2185-711
700 – Electrical	0421OS-2185-712
700 – Electrical	0421OS-2185-713
700 – Electrical	22U81_421 Osborne_City of Winnipeg Transit Dec 08, 2010
700 – Electrical	6399318 City of Winnipeg Transit Department 2015-08-26
700 – Electrical	Rpt Final – Electrical Load Study_20150420
700 – Electrical	421 Osborne – 5 year info
700 – Electrical	421 Osborne – MH 3 year info
800 – Mechanical Equipment	0421OS-2185-801
800 – Mechanical Equipment	0421OS-2185-802
800 – Mechanical Equipment	0421OS-2185-803
800 – Mechanical Equipment	0421OS-2185-804
800 – Mechanical Equipment	0421OS-2185-805
800 – Mechanical Equipment	0421OS-2185-806
800 – Mechanical Equipment	0421OS-2185-807
800 – Mechanical Equipment	421OS_2185-805-d
800 – Mechanical Equipment	2185-804 G Section – Process Equipment
800 – Mechanical Equipment	2185-805 G-Section – Process Eq – Details sheet 1
800 – Mechanical Equipment	G section compressed air drawings
800 – Mechanical Equipment	G section mechanical drawings (air system)
Asbestos Inventory	15-A-167-2 Asbestos Inventory Report
Asbestos Inventory	2015 Bldg A Maintenance Osborne
Equipment Specs	A1_Rotary MOD35 Hoist
Equipment Specs	A4_Nederman Fume Extraction details
Equipment Specs	C5_Ermak Shear HGS-ENG
Equipment Specs	C6_Piranha_Ironworkers
Equipment Specs	D1_Weld o Matic Spotwelder
Equipment Specs	G1_DH-brochure
Equipment Specs	G3_Shop.Floor.Tool.Compressor
Equipment Specs	G6_Tire.Infation.Compressor
Fire Alarm	TEST_2014.Fire.Alarm_Building.A.and.B_2014.11.13
Mechanical (Breathing Air Systems)	787-2008_Addendum_1
Mechanical (Breathing Air Systems)	787-2008_Addendum_1-Drawing_0829720102-DWG-E0001-R1
Mechanical (Breathing Air Systems)	787-2008_Addendum_1-Drawing_0829720102-DWG-E0002-R1
Mechanical (Breathing Air Systems)	787-2008_Addendum_1-Drawing_0829720102-DWG-M0001-R1
Mechanical (Breathing Air Systems)	787-2008_Addendum_1-Drawing_0829720102-DWG-M0002-R1
Mechanical (Breathing Air Systems)	787-2008_Addendum_2
Mechanical (Breathing Air Systems)	787-2008_Addendum_2-Drawing_E0001-R02
Mechanical (Breathing Air Systems)	787-2008_Bid_Opportunity
Mechanical (Breathing Air Systems)	elec 01b
Mechanical (Breathing Air Systems)	elec 02b
Mechanical (Breathing Air Systems)	mech 01b
Mechanical (Breathing Air Systems)	mech 02b
Mechanical (Compressed Air Systems)	23753759 Engineering Manual IR UP6-156C-210 Tire Air Compressor
Mechanical (Compressed Air Systems)	24192569 Engineering Data Sheet IR R45N-A Main Air Compressor
Mechanical (Compressed Air Systems)	APPL AP-150-BA Heatless Regenerative Compressed Air Dryers
Mechanical (Compressed Air Systems)	Compair DH Series Compressors
Mechanical (Compressed Air Systems)	dem 01
Mechanical (Compressed Air Systems)	elec 01
Mechanical (Compressed Air Systems)	elec 02

Mechanical (Compressed Air Systems)	index
Mechanical (Compressed Air Systems)	IR NLM125 - NLM10000 Air Filter
Mechanical (Compressed Air Systems)	mech 01
Mechanical (Compressed Air Systems)	mech 02
Mechanical (Compressed Air Systems)	mech 03
Mechanical (Compressed Air Systems)	NVC300A Brochure
Mechanical (Gas as builts 2014)	14-194 Fort Rouge Transit Natural Gas As-Builts – Final Issue
Mechanical (Gas as builts 2014)	16100 Transit Natural Gas System Modifications_IFC_18May16
Mechanical (Gas as builts 2014)	City of Winnipeg Fort Rouge Transit Base Ventilation & Natural Gas Study - Final
Mechanical	Graco Matrix Brochure
Mechanical	Graco Matrix Fluid Management System
Mechanical	Graco SD Series Elecronic Meters
Mechanical	National hose reels
MSDS	M7_All Products with Document Type(1)
Parking	DWG_421 Osborne Site Parking_V1 0_TVD_2015 11 24



NOTE 1. DEMOLISHED RAILWAY BUILDING THE FOUNDATIONS OF WHICH ARE LIKELY TO BE ENCOUNTERED SHOWN DOTTED.
2. FOUNDATION WALLS OF DEMOLISHED RESIDENTIAL PROPERTIES AT TOGO, GLASGOW, WOODWARD AND BRANDON AVENUES ARE ALSO LIKELY TO BE ENCOUNTERED.
3. BOREHOLE INFORMATION ON DRWG NO. 2185-109
PROPERTIES SHOWN THUS WILL NOT BE DEMOLISHED AND AVAILABLE TO THE CONTRACTOR UNTIL SEPTEMBER 1st 1968
2185-101
REVISED PER ADDENDA 1185-FOR CONSTRUCTION
FOR TENDER
FOR APPROVAL
DESCRIPTION
ISSUE OR REVISION
METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION
TRANSIT STORAGE AND SHOP FACILITIES
SITE SERVICES
EXISTING SITE PLAN AND BOREHOLE LOCATIONS
CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO
ARCHITECTS
Waisman Ross, & Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA
APPROVED
J.T.T.
2185-101
LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
J. T. F. THORPE
OSBORNE STREET
TOGO AVENUE
GLASGOW AVENUE
WOODWARD AVENUE
BRANDON AVENUE
ROUNDHOUSE [demolished]
MOTIVE POWER [demolished]
TRANSFER TABLE [demolished]
GENERAL OFFICE
GARAGES
COACH SHOP
CAISSON
FIRE HALL
FREIGHT CAR REPAIR SHOP [demolished]
CAR & STORM WINDOW STORAGE [demolished]
SITE BOUNDARY
BOREHOLE LOCATIONS
TRANSIT STORAGE & SHOP FACILITIES
421 OSBORNE ST.
2185-101
SITE SERVICES - EXISTING SITE PLAN & BOREHOLE LOCATIONS

STORM SEWERS				SAN. SEWERS		EX. SEWERS	
S.NO	INV.LEVEL	S.NO	INV. LEVEL	NO	INV. LEVEL.	NO	INV. LEVEL
S 1	92.35	S 11	90.00	N 1	92.50	1	76.87
S2	91.27	S12	91.20	N2	90.30	2	77.71
S3	89.40	S13	92.00	N3	88.37	3	78.72
S4	88.10	S14	90.50	N4	85.82	4	79.50 — 79.40
S5	86.60	S15	87.26 88.85-S14		84.61	14	83.60 No.6 80.58
S6	91.00	S16	85.93	N5	93.00 40	15	84.65 No.7 81.34
S7	89.30 90.18-S21 89.65-S6	S17	82.42 84.94	N6	90.42	16 17	85.92 85.92
	84.70	S18	80.92	N7	92.15		
S8	89.32-S22	S19	85.65-S5	M/H7	EX.INV 82.25		
	87.20-S9		80.41	INLET	86.06		
	83.50	S20	92.50		83.45		
S 9	87.70	S21	90.80	N8	87.10		
S 10	89.20	S22	91.64				

New 15" Line Installed and Manholes Replaced

NOTE

1. MANHOLE COVER LEVELS TO SUIT GRADE ELEVATIONS INDICATED ON 2185-103
2. ALL PIPES OVER 18" DIA TO BE CONCRETE TO ASTM C-76-CL III AND ASTM C-14-SS FOR 18" DIA AND UNDER UNLESS OTHERWISE INDICATED ON THIS DRAWING
3. JOINTS TO BE RUBBER GASKET AS SPECIFIED
4. CONNECTIONS TO HYDRANTS TO BE 6"
5. HYDRANT AND PUMPER CONNECTIONS TO BE CITY OF WINNIPEG FIRE DEPT SIZE 6 THREADS TO 1" FOR 2½" OUTLET
6. ALL WATER MAINS TO HAVE MIN. COVER OF 8'0"
7. ALL CATCHBASIN OUTLETS TO BE 8"ø

SITE BOUNDARY

INSTALL NEW P.I.V.

CONNECT TO EX. 6" MAIN TO C.N.R. WITH NEW 8x8x6" TEE

CAR PARK

SERVICE BAY

STORAGE BAYS

OSBORNE ST.

EXISTING 10" WATERMAIN

EXISTING SEWER

8" FIREMAIN

8" P.I.V.

8"-45° BEND

8"-90° BEND

NOTE
FOR POSITION OF ALL DRAINAGE PIPES & WATER LINES IN NORTHERLY DIRECTION SEE PLUMBING AND DRAINAGE AND FIRE PROTECTION PLANS

6" SAN. STUB & PLUG 3' W. OF P.L. INV. AT PLUG 80.00

TEE WITH LINE STOPPER FOR FUTURE USE

DETAIL AT CONNECTION

8" SAN. TO INTERCEPTOR PIT INV. - TO SUIT INTERCEPTOR

NOTE
PLUGGED 6" SAN. SEWER CONNECTIONS FOR FUTURE SERVICE PROJECTIONS TO BE PROVIDED

6" SAN. STUB & PLUG 3"W. OF P.L. INV. AT PLUG 81.00

SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS OF INTERCEPTOR

FOR ENTRANCE TO BUILDINGS SEE SEMANS PLUMBING (AS BUILTS)

SEMANS PLUMBING (AS BUILTS) SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS

FOR DETAILS OF STORM AND SANITARY SEWERS ON THIS LENGTH SEE PLUMBING AND DRAINAGE PLANS

PROPOSED OUTLET SEWER BY MUNICIPAL AUTHORITY

WAYS & STREETS FACILITIES BUILDING

OVERHAUL & REPAIR SHOP

EXISTING BUILDING

BRANDON AVE

EXISTING 6" WATERMAIN

EXISTING 18" SEWER

EXISTING 6" MAIN

LINE STOPPER TO EXISTING 6" WATERMAIN TO BE INSTALLED BY THE CITY OF WINNIPEG

BACKWATER VALVE IN MANHOLE WALL

NOTE
FOR DETAILS OF INSIDE DRAINAGE SEE PLUMBING & DRAINAGE PLANS

DETAIL AT CONNECTION
N.T.S.

FACE OF CURB — 6" SPRINKLER MAIN — VALVE CHAMBER 4'8" I.D. — 6" CONNECTION TO CITY MAIN

LEGEND

- PROPOSED SANITARY SEWERS AND MANHOLES
- PROPOSED STORM SEWERS MANHOLES AND CATCHBASINS
- EXISTING SEWERS
- PROPOSED FIRE MAIN AND PIV
- HYDRANT
- EXISTING WATERMAIN
- CHECK VALVE CHAMBER
- GATE VALVE
- LINE STOPPER

E-2185-102

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
OCT 15/69	9		AS BUILT	JR
JUN 20/68	8	6	AS PER NOTICE OF CHANGE #26	TB
JUN 17/68	7	5	AS PER NOTICE OF CHANGE #22	JR
MAY 17/68	6	4	AS PER NOTICE OF CHANGE #10	TB
MAY 10/68	5	3	AS PER NOTICE OF CHANGE # 9	JR
MAY 1/68	4	2	AS PER NOTICE OF CHANGE # 6	JR
MAR 29/68	3	1	REVISED PER ADDENDA 1 to 5 - FOR CONSTRUCTION	TB
JAN 15/68	2		FOR TENDER	TB
2010/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES

STORM AND SANITARY SEWERS AND WATER SUPPLY

REGISTERED PROFESSIONAL ENGINEER MECHANICAL J. T. F. THORPE PROVINCE OF MANITOBA

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My License Expires: 10 Jan. 1963

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
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APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY TB — DATE JAN / 68
CHECKED DS — SCALE 1" = 50'
FILE No. — DRAWING No. 2185-102
SHEET No.

TRANSIT STORAGE & SHOP FACILITIES
201 OSBORNE ST. WINNIPEG
PROJECT NO. 2185-102
SHEET NO.
SITE SERVICES - STORM & SANITARY SEWERS & WATER SUPPLY

#21 Osborne St. — Transit Storage & Shop Facilities

2185-103 — Sheet No.

Site Services — Paving Plan — Description

SITE BOUNDARY

POURED IN PLACE CONCRETE CURB TYPE 'A'

TYPE 'B' CURB

FOR GRADING AND LANDSCAPE DETAILS SEE DWG. NO. 2185-200

TYPE 'C' CURB

CONCRETE RAMPS AT ENTRANCES (SEE STRUCTURAL DWGS)

RETAINING WALL (SEE ARCHITECTURAL DWGS)

L/S AREA

CONCRETE WALK

CAR PARK

99.60

POURED IN PLACE CURBS TYPE 'C'

NOTE SEE ARCHITECTURAL DWG FOR LAYOUT

CURB

LANDSCAPED AREA

STORAGE BAYS

SERVICE BAY

OSBORNE ST.

LANDSCAPED AREAS (TO BE GRADED & 6" TOPSOIL)

3" GRANULAR MATERIAL WITHIN FENCED AREA

FOR LAYOUT DATA OF THIS AREA SEE DWG. NO 2185-45

CURBS

AREA VAPOURIZER BUILDING

CONCRETE WALK TO CURB

CONCRETE RAMP

CONCRETE RAMPS (SEE STRUCTURAL DRAWINGS)

TUNNEL (SEE ARCHITECTURAL DRAWINGS)

ROAD 'A' (SEE PROFILE DWG NO 2185-105)

CONTRACTION JOINTS AT 40' CENTRES IN CONCRETE BASE (SEE DWG NO. 2185-104)

POURED IN PLACE CURB TYPE 'B'

CONTINUE SIDEWALK FROM STREET

CURBS TO MATCH TO EXISTING

PAVING TO MATCH TO EXISTING PAVEMENT

WAYS & STREETS FACILITIES BUILDING

BERM & LANDSCAPED

RETAINING WALL

RAMP (SEE ARCHITECTURAL DWGS)

LANDSCAPED AREA

PAVEMENT DETAILS AT TUNNEL SEE DWG NO 2185-104

3" ASPHALT SURFACING ON 8" RC BASE AND GRANULAR SUB-BASE SEE DWG NO 2185-104

STEPS DOWN (STRUCTURAL)

LANDSCAPED AREA RETAINING WALL (STRUCTURAL)

POURED IN PLACE CONCRETE CURBS (SEE DWG NO 2185-104)

CONCRETE WALK TO OFFICE ENTRANCE

CAR PARK

TYPE 'C' CURBS AT CAR PARK (SEE ARCHITECTURAL DWGS)

LIMIT OF TYPE 'C' CURB

BERM

LANSCAPED AREA

CURBS (TYPE 'A')

OVERHAUL & REPAIR SHOP

SITE BOUNDARY

ROAD 'A'

POURED IN PLACE CONCRETE CURBS TYPE 'A'

LANDSCAPED AREA

"S" ASPHALT ON GRANULAR BASE (SEE DWG NO. 2185-104)

POURED IN PLACE CURBS TYPE 'C'

CAR PARK

THIS AREA NOT TO BE LANDSCAPED (AREA REQUIRED BY C.N.R. FOR PARKING PURPOSES)

TYPE 'C' CURBS

POURED IN PLACE CONCRETE CURB TYPE 'A'

TYPE 'C' CURB

ASPHALT TO CONCRETE RAMPS (SEE STRUCTURAL DWGS)

TYPE 'C' CURBS TO CAR PARK AREAS

3" ASPHALT ON GRANULAR BASE

CAR PARK

TYPE 'C' CURB

LANDSCAPED AREA

MATCH TO EXISTING PAVEMENT

PROPOSED ELEVATIONS UNDERLINED INDICATE C_B COVER ELEVATIONS

BRANDON AVE.

BENCH MARK CITY OF WINNIPEG
ELEV. 33.519

LEGEND

98.13 EXISTING GROUND LEVELS

100.00 PROPOSED ELEVATIONS

EXPANSION JOINT — PAVEMENT

BOUNDARY OF GRANULAR BASE CONSTRUCTION TO ASPHALT PAVEMENT

CONTRACTION JOINT IN CONCRETE

NOTE

ELEVATION 100.00 = 36.50' CITY DATUM
ASSUMED DATUM = 100.00 = FLOOR LEVEL
FOR SETTING OUT DATA TO BUILDINGS SEE PLAN NO 2185-201
ALL CURBS ARE TO BE POURED IN PLACE EXCEPT IN NORTH CAR PARK (SEE DRWG NO. 2185-200)
ALL POURED IN PLACE CURBS TO BE TYPE 'A' UNLESS STATED OTHERWISE
ALL BERMS AND LANDSCAPED AREAS TO BE GRADED AND 6" TOPSOIL (SEE ARCHITECTURAL DWGS)
SEE DWG No 2185-104 FOR SECTIONS A-A TO D-D

E-2185-103

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
OCT 15/68	7		AS BUILT	TB
JUN 20/68	6	4	AS PER NOTICE OF CHANGE # 26	TB
MAY 17/68	5	3	AS PER NOTICE OF CHANGE # 10	TB
MAY 10/68	4	2	AS PER NOTICE OF CHANGE # 9	JR
MAR. 29/68	3	1	REVISED PER ADDENDA 1 to 5 — FOR CONSTRUCTION	TB
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
PAVING PLAN

J. T. F. THORPE — REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF MANITOBA

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My Licence Expires 10 Jan. 1969

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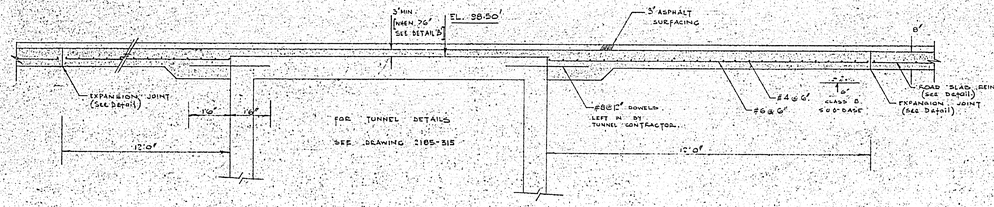
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

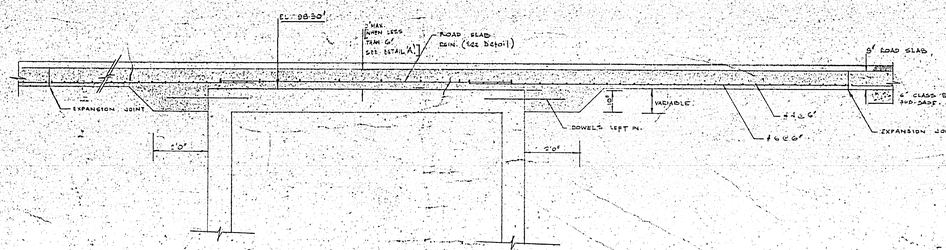
DRAWN BY: TB — DATE: JAN/68
CHECKED: DS — SCALE: 50'= 1"
FILE No. — DRAWING No. 2185-103
SHEET No.



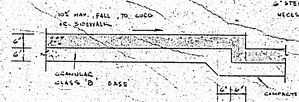
— TUNNEL DETAIL —
SECTION 'A' — SOUTH



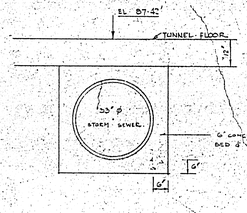
TUNNEL DETAIL
SECTION AT GAS MAIN CROSSING



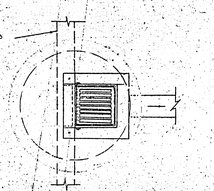
SECTION 'B' NORTH

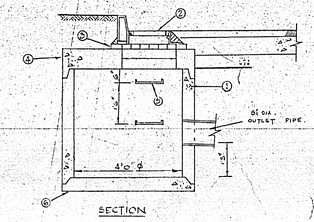


CONCRETE WALKS TO BUILDING ENTRANCES

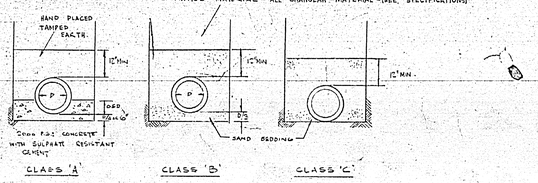


DETAIL OF STORM SEWER UNDER TUNNEL [LINE 58-517]





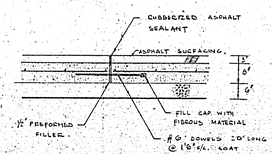
SECTION
CATCH BASIN DETAIL
Scale: ½" = 1'-0"



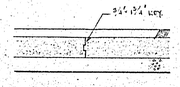
CONCRETE PIPE BEDDING STANDARDS

NOTES —

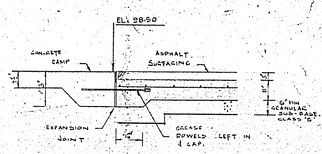
1. STANDARD 48"ϕ PRECAST REIN. CONCRETE MANHOLE BASE, MANUFACTURE & REINFORCING TO A.S.T.M. C-76-57T, CLASS III WITH ADDITIONAL 2 SECTIONS OF 48"ϕ PIPE AS REQUIRED FOR DEPTHS INDICATED ON 2185-102
2. CAST IRON CATCH BASIN COVER, FRAME & CURB BOX (MANITOBA BRIDGE & ENGINEERING WORKS # F 153-11 OR APPROVED EQUAL)
3. AND COURSE RIM OF CONCRETE OR CLAY BRICKS TO ADJUST TO FINISHED GRADE
4. PRECAST R.C.C. CATCH BASIN TOP & BOTTOM @ 4'c/c WITH #4 (BENT INTO CIRCLE) TOP & BOTTOM ON PERIPHERY (1½" COVER TO ALL STEEL)
5. STANDARD GALVANIZED 15"STEPS AT 18"c/c ABOVE SOFFIT OF PIPE.
6. POURED CONCRETE BASE (3000 P.S.I.) WITH SULPHATE RESISTANT CEMENT.



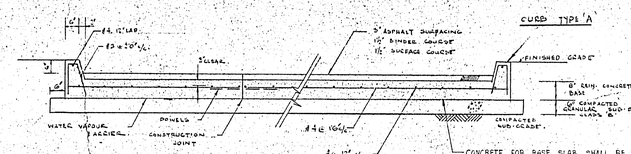
EXPANSION JOINT
SYMBOL



CONSTRUCTION JOINT

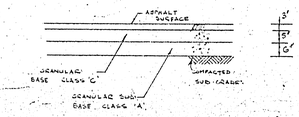


— SECTION 'C' —
DETAIL AT APPROACH RAMPS TO BUILDING

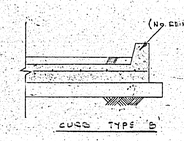


CURB TYPE 'A'

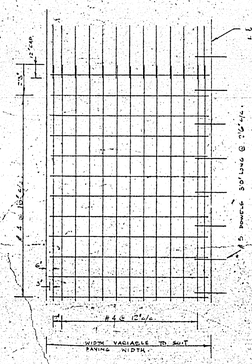
TYPICAL PAVEMENT DETAIL
BUS AREAS



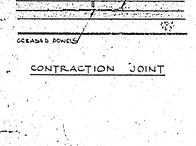
TYPICAL PAVEMENT DETAILS
CAR PARK AREAS



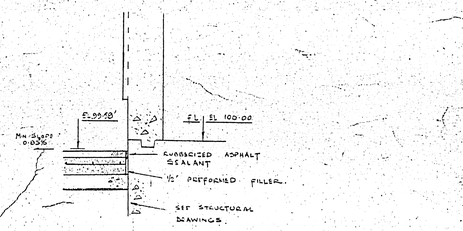
CURB TYPE 'B'



PAVEMENT BAR MAT
DETAILS — Scale: ½" = 1'-0"



CONTRACTION JOINT



— SECTION 'D' —

2185-104

MAY 2 - 1977

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 302—1320 YONGE STREET
TORONTO, ONTARIO M4T 1X2

PROVINCE OF MANITOBA — A. D. MARGISON — REGISTERED ENGINEER
MAY 1977

PROFESSIONAL ENGINEER — PROVINCE OF MANITOBA — J. T. FATHORPE

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My License Expires 10 Jan. 1968

APPROVED
J. T. Fathorpe

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS (in Winnipeg as C. Winnipeg Consortium & Wilson Nairne)

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
OCT. 5/76	7		AS BUILT	
MAY 6/77	6	2	GARAGE ADDITION - FOR TENDER	
OCT. 15/68	5		AS BUILT	TB
JUN 27/68	4	1	REVISED AS PER PROPOSAL OF CHANGE #	TB
MAR 28/68	3		REVISED PER ADDENDA 1 to 5—FOR CONSTRUCTION	TB
JAN 19/68	2		FOR TENDER	TB
30/06/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
PAVEMENT DETAILS AND STANDARD DETAILS

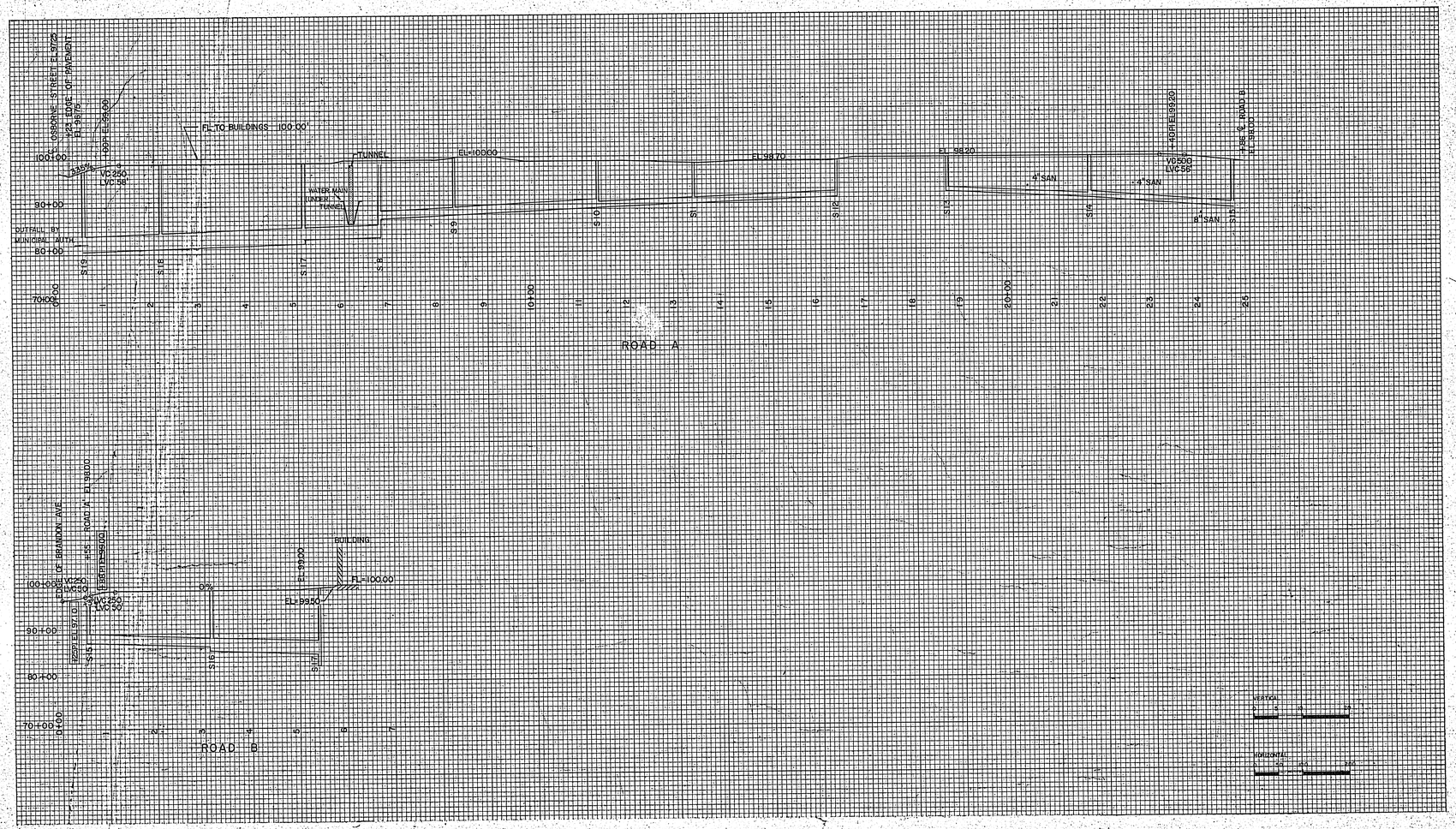
CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

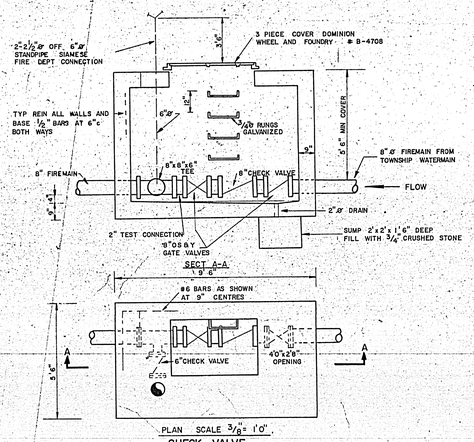
ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	DS
CHECKED	DS
FILE No.	
SHEET No.	
DATE	SEPT / 67
SCALE	AS SHOWN
DRAWING No.	2185-104

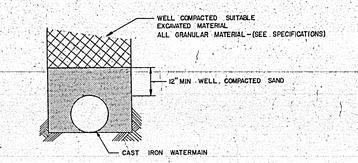
2121 Osborne St. — Transit Storage Shop Facilities — 2185-104 — Site Services - Pavement Details & Standard Details





PLAN SCALE 3/8" = 1'0"

CHECK VALVE CHAMBER



WATERMAIN BEDDING STANDARDS

2185-105

MAY 1977

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 302—1320 YONGE STREET
TORONTO, ONTARIO M4T 1X2

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS

APPROVED

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
OCT 9/79	6		AS BUILT	
MAY 9/77	5	1	GARAGE ADDITION - FOR TENDER	
OCT. 15/69	4		AS BUILT	TB
MAR. 29/68	3		REVISED PER ADDENDA 1 to 5 - FOR CONSTRUCTION	TB
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

PROVINCE OF MANITOBA
A. D. MARGISON
REGISTERED ENGINEER
MAY 1977

REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
J. T. F. THORPE
PROVINCE OF MANITOBA

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My Licence Expires: 10 Jan. 1968

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
PAVEMENT PROFILES AND GENERAL DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

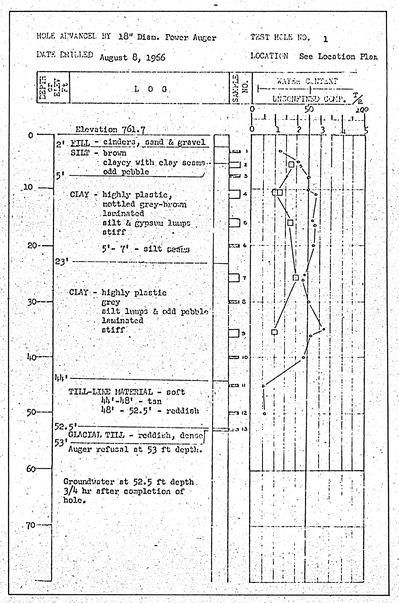
ARCHITECTS
Waisman Ross & Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

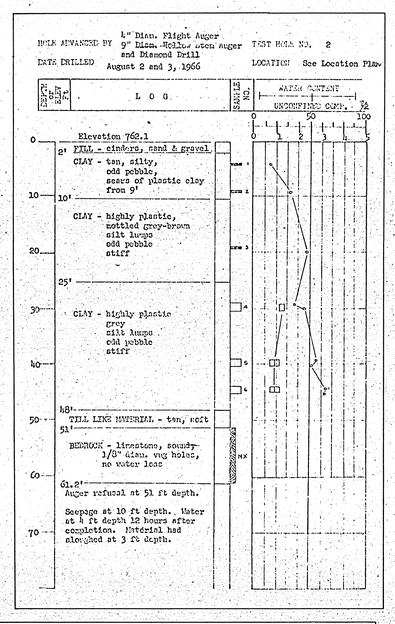
DRAWN BY	TB	DATE	SEPT / 67
CHECKED	DS	SCALE	AS SHOWN
FILE No.		DRAWING No.	2185-105
SHEET No.			

421 OSBORNE ST. TRANSIT STORAGE SHOP FACILITIES
2185-105
SITE SERVICES - PAVEMENT PROFILES & GENERAL DETAILS

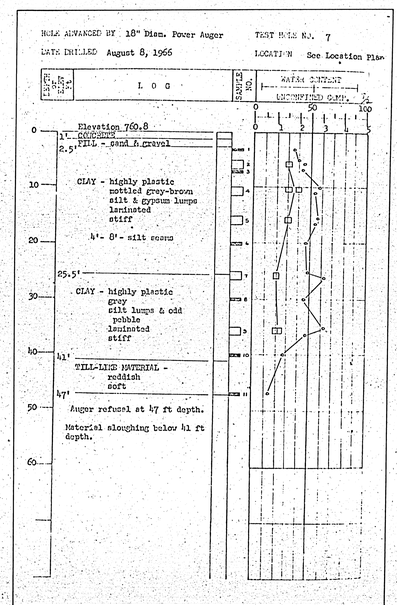
HOLE ADVANCED BY 18" Diso. Power Auger TEST HOLE NO. 1
DATE DRILLED August 8, 1966 LOCATION See Location Plan



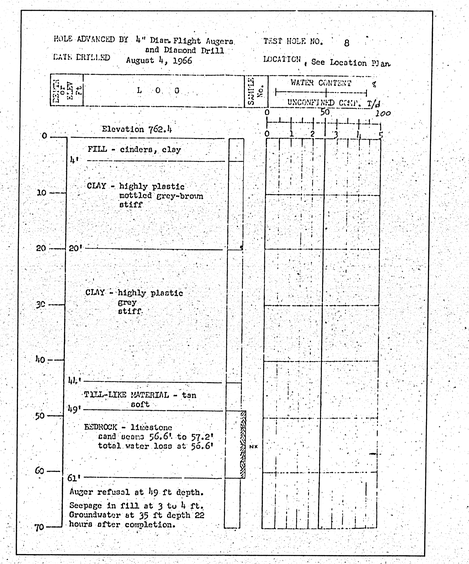
HOLE ADVANCED BY 4" Diam. Flight Auger 9" Diam. Hollow Stem Auger and Diamond Drill TEST HOLE NO. 2
DATE DRILLED August 2 and 3, 1966 LOCATION See Location Plan



HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 7
DATE DRILLED August 8, 1966 LOCATION See Location Plan



HOLE ADVANCED BY 4" Diam. Flight Augers and Diamond Drill TEST HOLE NO. 8
DATE DRILLED August 4, 1966 LOCATION See Location Plan



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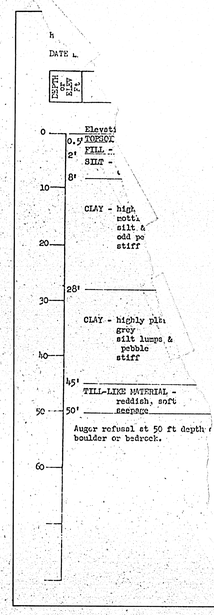
DATE L



HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 10
DATE DRILLED August 8, 1966 LOCATION See Location Plan

HOLE ADVANCED BY 9" Diam. Hollow Stem and Diamond Drill TEST HOLE NO. 13
DATE DRILLED August 4, 1966 LOCATION See Location Plan

HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 14
DATE DRILLED August 8, 1966 LOCATION See Location Plan

HOLE ADVANCED BY 30" Diam. Power Auger TEST HOLE NO. Caisson Test
DATE DRILLED August 9, 1966 LOCATION See Location Plan

TEST DATA

- SHELBY TUBE
- 2" SPLIT TUBE
- BAG SAMPLE
- GROUND WATER LEVEL
- FROST LEVEL
- 5, 9/0.5 PENETRATION RESISTANCE BLOWS/FT
- × MAXIMUM VANE SHEAR STRENGTH T/ft²
- ○ REMOLDED VANE SHEAR STRENGTH T/ft²
- WATER CONTENT
- WP PLASTIC LIMIT, WL LIQUID LIMIT
- UNCONFINED COMPRESSION STRENGTH T/ft²
- POCKET PENETROMETER STRENGTH T/ft²

SOIL GROUP SYMBOLS

ORGANIC, SILT, GRAVEL, CLAY, SAND

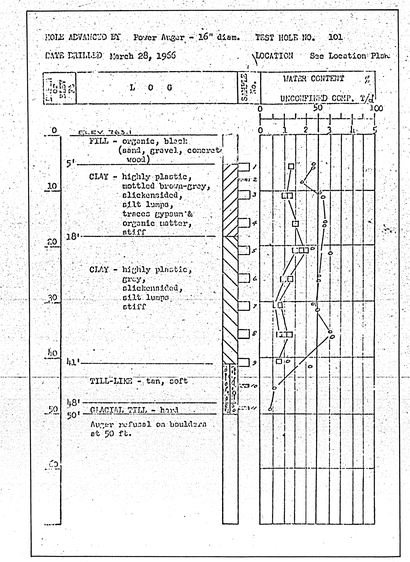
Soil symbols may be combined to denote the various soil combinations, the predominant being heavier.

e.g. CLAY - silty

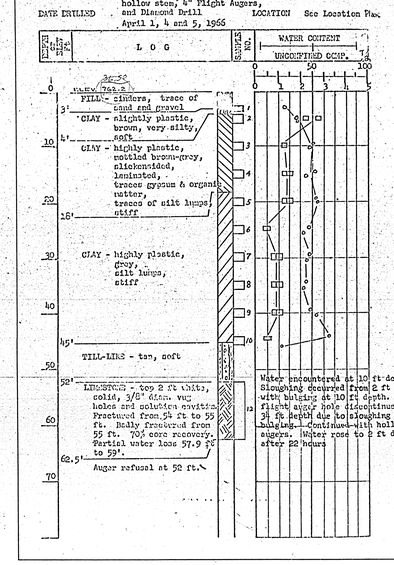
TILL-LIKE - mixture silt, sand, gravel, boulders, firm to soft.
GLACIAL TILL - mixture silt, sand, gravel, boulders, hard.

All field and laboratory data sheets used for preparation of the test hole logs are on file at the office of Ripley, Klohn & Leeroff Ltd., 145 Colony Street, Winnipeg, and are available for inspection.

HOLE ADVANCED BY Power Auger - 16" diam. TEST HOLE NO. 101
DATE DRILLED March 28, 1966 LOCATION See Location Plan



HOLE ADVANCED BY Rotary Drill - 9" diam. hollow stem, 4" Flight Augers, and Diamond Drill TEST HOLE NO. 102
DATE DRILLED April 1, 4 and 5, 1966 LOCATION See Location Plan



36.50' = 100.000' T.D. SLAB
727.586 + 36.50 = 764.086

2185-106

MAY 1977
PROVINCE OF MANITOBA
A. D. MARGISON
REGISTERED ENGINEER

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 202—1300 YONGE STREET
TORONTO, ONTARIO M4T 1X2

MAY 1977

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS 200 ST. MARY AVENUE, WINNIPEG, CANADA R3C 0N2 (204) 942-0301

APPROVED

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
MAY 9/77	5	1	GARAGE ADDITION - FOR TENDER	
OCT.15/68	4		AS BUILT	TB
MAR25/68	3		REVISED PER ADDENDA 1 to 5 FOR - CONSTRUCTION	TB
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
BOREHOLE INFORMATION

REGISTERED PROFESSIONAL ENGINEER — J.T.F. THORPE — PROVINCE OF MANITOBA

LICENSED TO PRACTICE
PROVINCE OF MANITOBA
Expires 10 Jan. 1978

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1133 LESLIE STREET, DON MILLS, ONTARIO

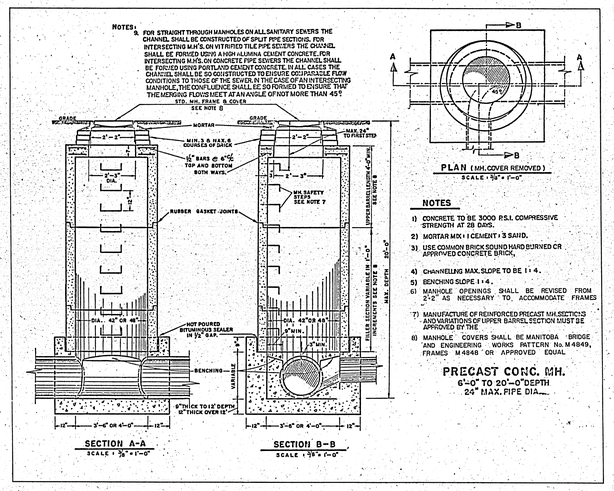
ARCHITECTS
Waisman Ross + Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

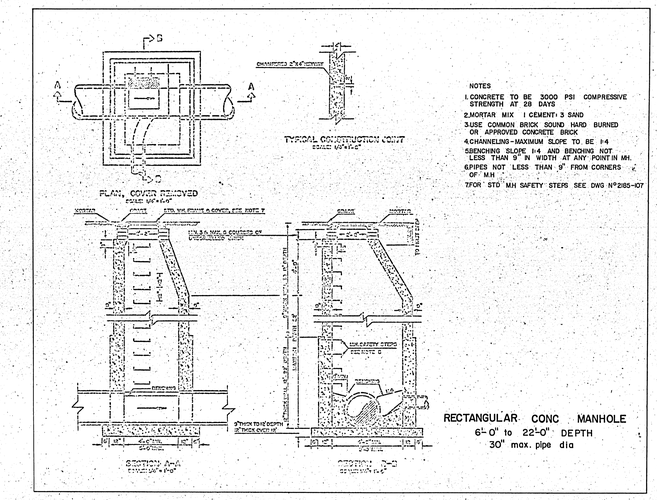
APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

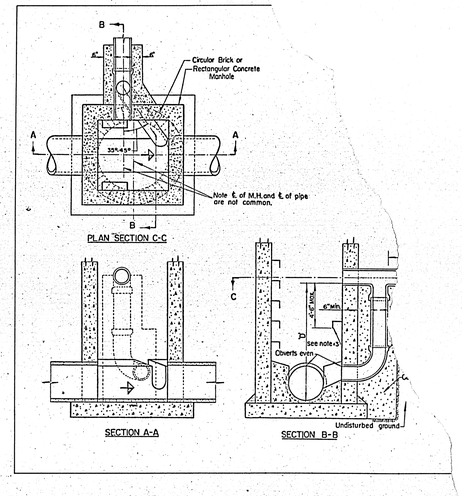
DRAWN BY	DATE
TB	OCT./67
CHECKED	SCALE
DS	AS SHOWN
FILE No.	DRAWING No.
SHEET No.	2185-106

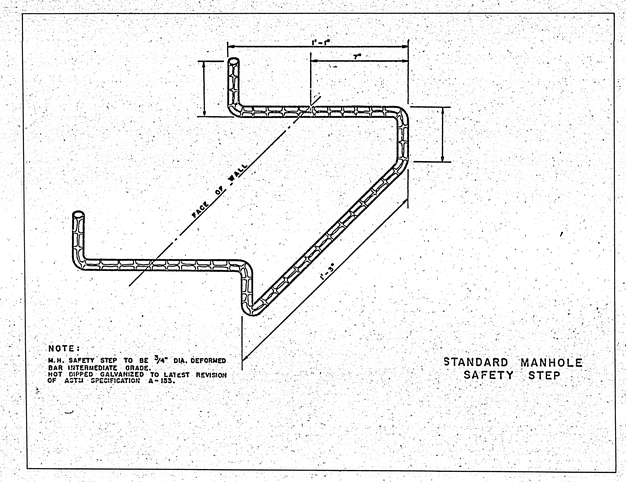
TRANSIT STORAGE SHOP FACILITIES
project title
2185-106
drawing no.
SITE SERVICES - BOREHOLE LOGS
description
MANITOBA
location
HAL OSBORNE ST.
address

Transit Storage and Shop Facilities
Site Services - Standards
2185-107

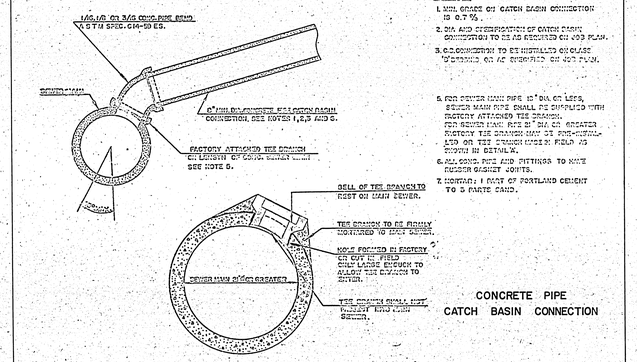




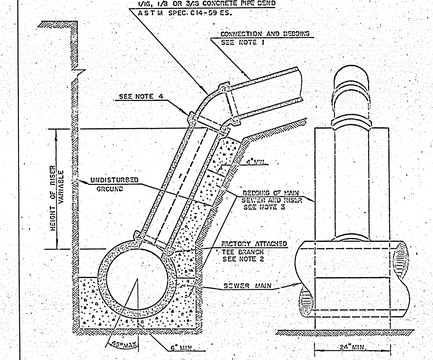




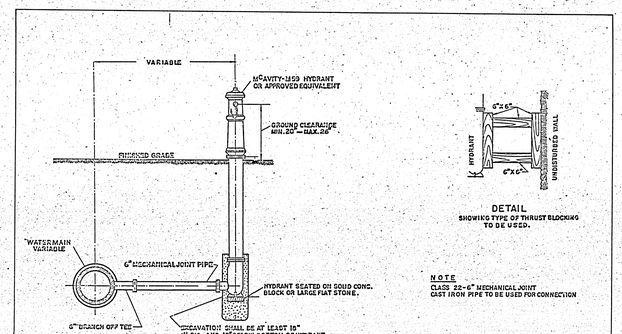
STANDARD MANHOLE SAFETY STEP



CONCRETE PIPE CATCH BASIN CONNECTION



RISER FOR CONCRETE PIPE CATCH BASIN CONNECTION

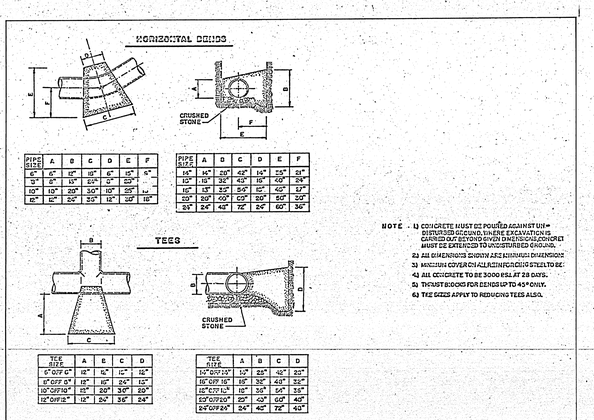


ASSEMBLY DETAIL SHOWING TEE OFF MAIN AND HYDRANT.

DETAIL
SHOWING TYPE OF THRUST BLOCKING TO BE USED.

NOTE
CLASS 22-6" MECHANICAL JOINT CAST IRON PIPE TO BE USED FOR CONNECTION

HYDRANT OFFSET STDS. FOR WATERMAINS UNDER 16"



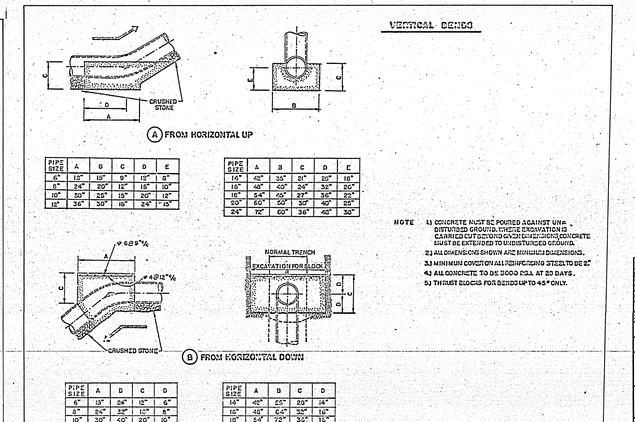
PIPE SIZE	A	B	C	D	E	F
6"	6"	12"	11"	6"	15"	6"
8"	8"	16"	12"	8"	20"	8"
10"	10"	20"	30"	10"	25"	10"
12"	12"	24"	21"	12"	30"	15"

PIPE SIZE	A	B	C	D	E	F
16"	16"	28"	42"	16"	35"	21"
18"	18"	32"	45"	18"	40"	24"
18"	18"	32"	54"	15"	40"	24"
20"	20"	40"	60"	20"	50"	30"
24"	24"	48"	72"	24"	60"	36"

TEE SIZE	A	B	C	D
6" OFF 6"	12"	16"	11"	12"
8" OFF 8"	15"	20"	24"	15"
10" OFF 10"	15"	20"	30"	20"
12" OFF 12"	15"	24"	36"	24"

TEE SIZE	A	B	C	D
14" OFF 14"	17"	28"	42"	23"
16" OFF 16"	19"	32"	48"	26"
18" OFF 18"	19"	32"	54"	26"
20" OFF 20"	25"	40"	60"	40"
24" OFF 24"	24"	48"	72"	40"

NOTE
1) CONCRETE MUST BE POURED AGAINST UNDISTURBED GROUND, WHERE EXCAVATION IS CARRIED OUT BEYOND GIVEN DIMENSIONS CONCRETE MUST BE EXTENDED TO UNDISTURBED GROUND.
2) ALL DIMENSIONS SHOWN ARE MINIMUM DIMENSIONS.
3) MINIMUM COVER ON ALL REINFORCING STEEL TO BE 2".
4) ALL CONCRETE TO BE 3000 PSI AT 28 DAYS.
5) THRUST BLOCKS FOR BENDS UP TO 45° ONLY.
6) TEE SIZES APPLY TO REDUCING TEES ALSO.



PIPE SIZE	A	B	C	D	E
6"	12"	15"	9"	12"	9"
8"	24"	20"	12"	18"	15"
10"	24"	25"	15"	20"	15"
12"	36"	30"	18"	24"	15"

PIPE SIZE	A	B	C	D	E
14"	42"	35"	21"	25"	18"
16"	48"	40"	24"	30"	20"
18"	54"	45"	27"	30"	23"
20"	60"	50"	30"	40"	25"
24"	72"	60"	36"	48"	30"

PIPE SIZE	A	D	C	D
6"	13"	24"	12"	6"
8"	24"	32"	10"	8"
10"	30"	40"	20"	10"
12"	36"	48"	24"	12"

PIPE SIZE	A	B	C	D
14"	42"	55"	28"	14"
16"	48"	64"	32"	16"
18"	54"	72"	36"	18"
20"	60"	80"	40"	20"
24"	72"	96"	48"	24"

NOTE
1) CONCRETE MUST BE POURED AGAINST UNDISTURBED GROUND, WHERE EXCAVATION IS CARRIED OUT BEYOND GIVEN DIMENSIONS CONCRETE MUST BE EXTENDED TO UNDISTURBED GROUND.
2) ALL DIMENSIONS SHOWN ARE MINIMUM DIMENSIONS.
3) MINIMUM COVER ON ALL REINFORCING STEEL TO BE 2".
4) ALL CONCRETE TO BE 3000 PSI AT 28 DAYS.
5) THRUST BLOCKS FOR BENDS UP TO 45° ONLY.

MAY 1977
PROVINCE OF MANITOBA
A. D. MARGISON
REGISTERED ENGINEER

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
J. T. F. THORPE

APPROVED

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 302-1320 YONGE STREET
TORONTO, ONTARIO M4T 1X2

MAY 1977

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS (IN WINNIPEG, MANITOBA & WILLIAMSBURG)

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My Licence Expires: 10 Jan. 1968

2185-107

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
OCT. 3/75	6		AS BUILT	
MAY 9/73	5	1	GARAGE ADDITION - FOR TENDER	
OCT. 15/69	4		AS BUILT	TB
MAR 28/68	3		REVISED PER ADDENDA 1 to 5 - FOR CONSTRUCTION	TB
JAN 15/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
STANDARDS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1135 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA.

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	TB
CHECKED	DS
FILE No.	
SHEET No.	
DATE	OCT / 67
SCALE	AS SHOWN
DRAWING No.	2185-107

STORM SEWERS				SAN. SEWERS		EX. SEWERS	
S.NO	INV. LEVEL	S.NO	INV. LEVEL	NO	INV. LEVEL	NO	INV. LEVEL
S 1	92.35	S 11	90.00	N 1	92.50	1	76.87
S2	91.27	S12	91.20	N2	90.30	2	77.71
S3	89.40	S13	92.00	N3	88.37	3	78.72
S4	88.10	S14	90.50	N4	85.82	4	79.50
S5	86.80	S15	87.25 S8 85-S14		84.61	14	83.60
S6	91.00	S16	85.93	N5	93.00 ⌀	15	84.65
S7	89.30 90.18-S21 89.65-S6 94.70	S17	82.42		88.44	16	85.92
			84.94	N6	90.42	17	85.92
S8	89.32-S22	S19	85.65-S5	M/H7	EX. INV 8225		
	87.20-S9		90.41	INLET	86.06		
	83.50	S20	92.50		83.45		
S 9	87.70	S21	90.80	N8	87.10		
S 10	89.20	S22	91.64				

- 79.40
- No. 6 80.58
- No. 7 81.34

} New 15" Line Installed and Manholes Replaced

NOTE

1. MANHOLE COVER LEVELS TO SUIT GRADE ELEVATIONS INDICATED ON 2185-103
2. ALL PIPES OVER 18" DIA TO BE CONCRETE TO ASTM C-76-CL III AND ASTM C-14-SS FOR 18" DIA AND UNDER UNLESS OTHERWISE INDICATED ON THIS DRAWING
3. JOINTS TO BE RUBBER GASKET AS SPECIFIED
4. CONNECTIONS TO HYDRANTS TO BE 6"
5. HYDRANT AND PUMPER CONNECTIONS TO BE CITY OF WINNIPEG FIRE DEPT SIZE 6 THREADS TO 1" FOR 2½" OUTLET
6. ALL WATER MAINS TO HAVE MIN. COVER OF 8'0"
7. ALL CATCHBASIN OUTLETS TO BE 8"⌀

SITE BOUNDARY

CAR PARK

STORAGE BAYS

SERVICE BAY

WAYS & STREETS FACILITIES BUILDING

OVERHAUL & REPAIR SHOP

CAR PARK

CAR PARK

SITE BOUNDARY

EXISTING BUILDING

INSTALL NEW P.I.V.

CONNECT TO EX. 6" MAIN TO C.N.R. WITH NEW 8"⌀8"⌀6" TEE

EXISTING 6" WATERMAIN

BRANDON AVE

EXISTING 18" SEWER

EXISTING SEWER

EXISTING 10" WATERMAIN

EXISTING 6" MAIN

EXISTING 8" FIREMAIN

EXISTING 6" WATERMAIN

OSBORNE ST.

NOTE
FOR POSITION OF ALL DRAINAGE PIPES & WATER LINES IN NORTHERLY DIRECTION SEE PLUMBING AND DRAINAGE AND FIRE PROTECTION PLANS

NOTE
FOR DETAILS OF INSIDE DRAINAGE SEE PLUMBING & DRAINAGE PLANS

SEMANS PLUMBING (AS BUILTS) SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS

FOR ENTRANCE TO BUILDINGS SEE SEMANS PLUMBING (AS BUILTS)

SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS OF INTERCEPTOR

FOR DETAILS OF STORM AND SANITARY SEWERS ON THIS LENGTH SEE PLUMBING AND DRAINAGE PLANS

LINE STOPPER TO EXISTING 6" WATERMAIN TO BE INSTALLED BY THE CITY OF WINNIPEG

6" SAN. STUB & PLUG 3' W. OF P.L. INV. AT PLUG 80.00

8" SAN. TO INTERCEPTOR PIT INV. - TO SUIT INTERCEPTOR

6" SAN. STUB & PLUG 3' W. OF P.L. INV. AT PLUG 81.00

TEE WITH LINE STOPPER FOR FUTURE USE

DETAIL AT CONNECTION

NOTE
PLUGGED 6" SAN. SEWER CONNECTIONS FOR FUTURE SERVICE PROJECTIONS TO BE PROVIDED

PROPOSED OUTLET SEWER BY MUNICIPAL AUTHORITY

DETAIL AT CONNECTION
N.T.S.

LEGEND

- PROPOSED SANITARY SEWERS AND MANHOLES
- PROPOSED STORM SEWERS MANHOLES AND CATCHBASINS
- EXISTING SEWERS
- PROPOSED FIRE MAIN AND P.I.V.
- HYDRANT
- EXISTING WATERMAIN
- CHECK VALVE CHAMBER
- GATE VALVE
- LINE STOPPER

E-2185-102

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
OCT 15/69	9		AS BUILT	JR
JUN 20/68	8	6	AS PER NOTICE OF CHANGE #26	TB
JUN 17/68	7	5	AS PER NOTICE OF CHANGE #22	JR
MAY 17/68	6	4	AS PER NOTICE OF CHANGE #10	TB
MAY 10/68	5	3	AS PER NOTICE OF CHANGE # 9	JR
MAY 1/68	4	2	AS PER NOTICE OF CHANGE # 6	JR
MAR 29/68	3	1	REVISED PER ADDENDA 1 to 5 - FOR CONSTRUCTION	TB
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
STORM AND SANITARY SEWERS AND WATER SUPPLY

J. T. F. THORPE

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My Licence Expires: 10 Jan. 1963

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

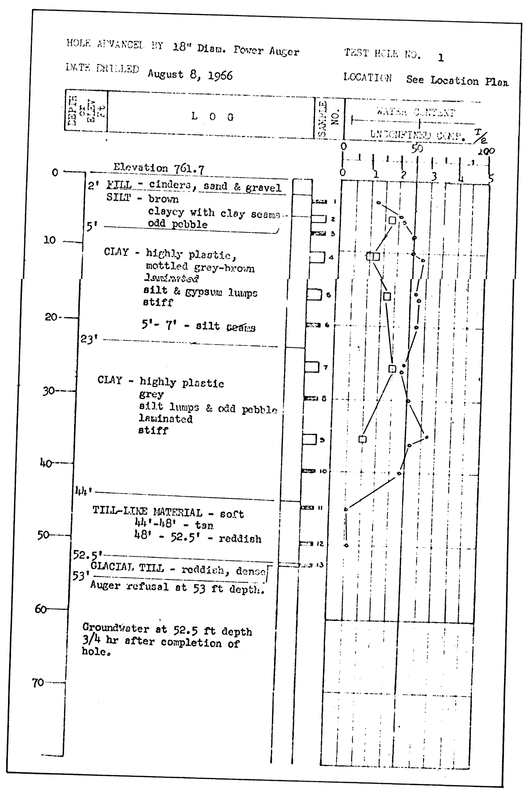
ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

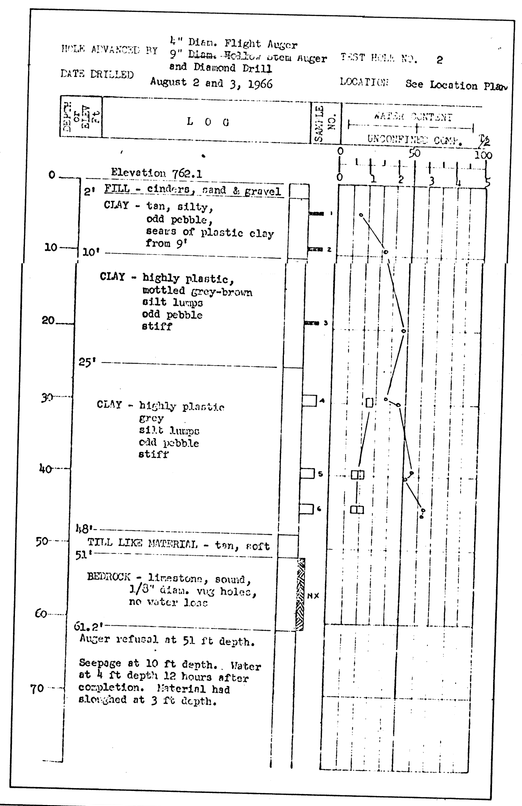
DRAWN BY	TB	DATE	JAN / 68
CHECKED	DS	SCALE	1"= 50'
FILE No.		DRAWING No.	2185-102
SHEET No.			

SEWERS & WATER SUPPLY

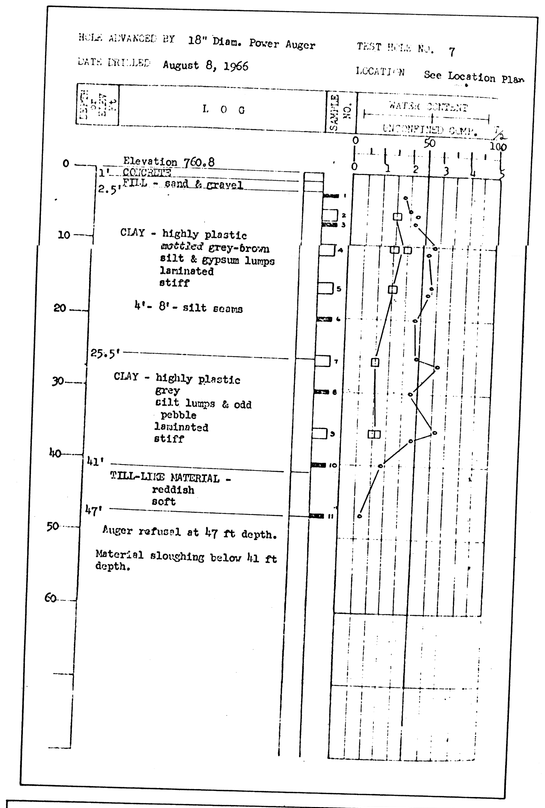
HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 1
DATE DRILLED August 8, 1966 LOCATION See Location Plan



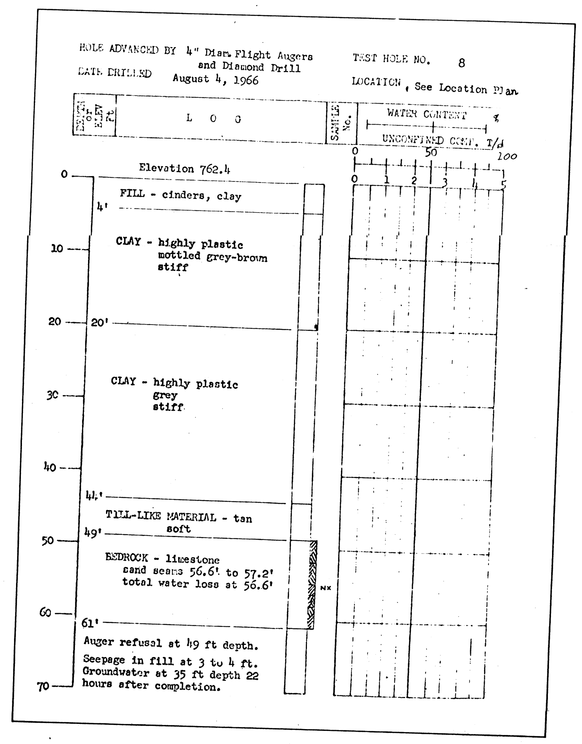
HOLE ADVANCED BY 4" Diam. Flight Auger and 9" Diam. Hollow Stem Auger and Diamond Drill TEST HOLE NO. 2
DATE DRILLED August 2 and 3, 1966 LOCATION See Location Plan



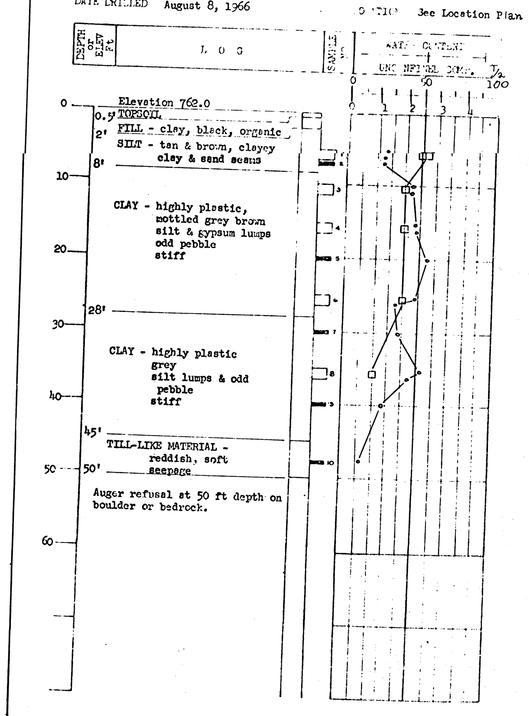
HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 7
DATE DRILLED August 8, 1966 LOCATION See Location Plan



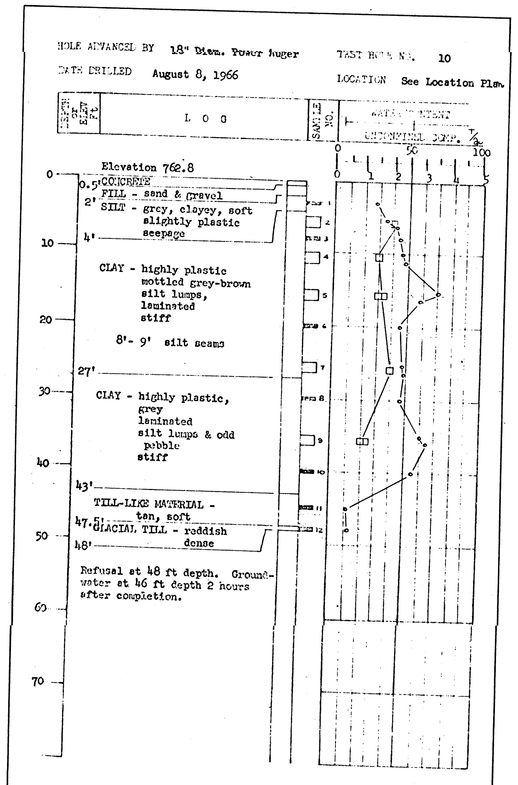
HOLE ADVANCED BY 4" Diam. Flight Augers and Diamond Drill TEST HOLE NO. 8
DATE DRILLED August 4, 1966 LOCATION See Location Plan



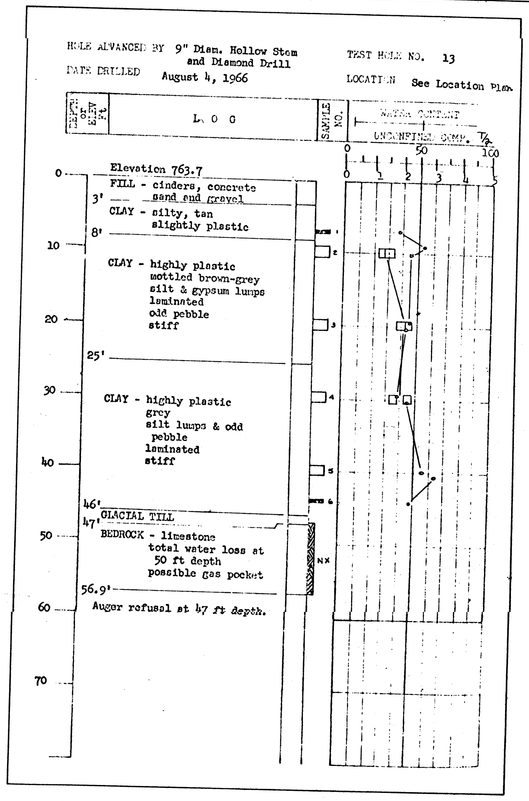
HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 9
DATE DRILLED August 8, 1966 LOCATION See Location Plan



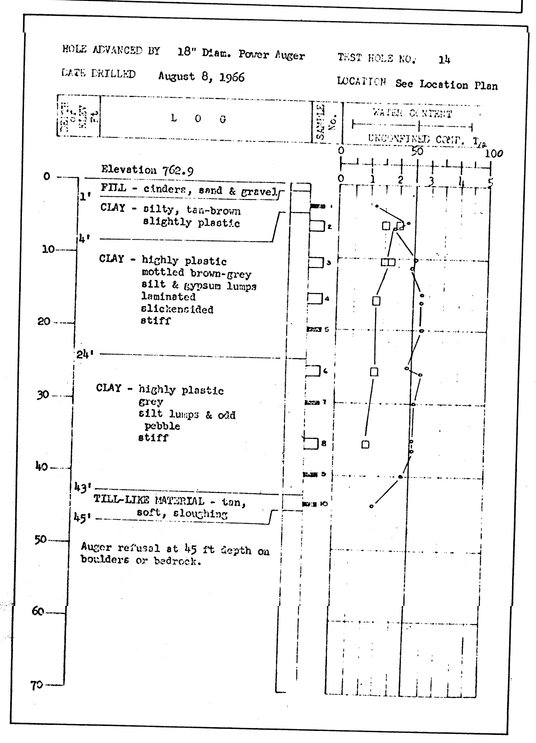
HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 10
DATE DRILLED August 8, 1966 LOCATION See Location Plan



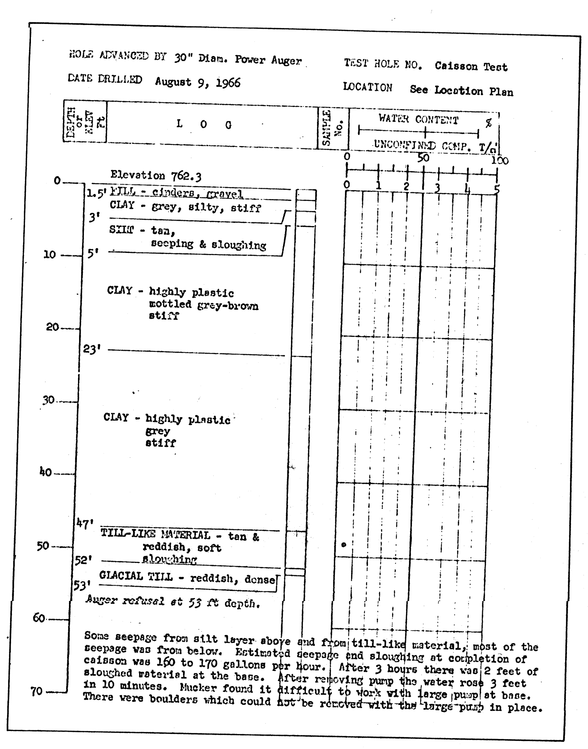
HOLE ADVANCED BY 9" Diam. Hollow Stem and Diamond Drill TEST HOLE NO. 13
DATE DRILLED August 4, 1966 LOCATION See Location Plan



HOLE ADVANCED BY 18" Diam. Power Auger TEST HOLE NO. 14
DATE DRILLED August 8, 1966 LOCATION See Location Plan



HOLE ADVANCED BY 30" Diam. Power Auger TEST HOLE NO. Caisson Test
DATE DRILLED August 9, 1966 LOCATION See Location Plan



TEST DATA

- SHELBY TUBE
- 2" SPLIT TUBE
- BAG SAMPLE
- GROUND WATER LEVEL
- FROST LEVEL
- 5, 9/0.5 PENETRATION RESISTANCE BLOWS/FT
- × MAXIMUM VANE SHEAR STRENGTH T/ft²
- ● REMOLDED VANE SHEAR STRENGTH T/ft²
- WATER CONTENT
- WP PLASTIC LIMIT, WL LIQUID LIMIT
- UNCONFINED COMPRESSION STRENGTH T/ft²
- POCKET PENETROMETER STRENGTH T/ft²

SOIL GROUP SYMBOLS

- ORGANIC
- GRAVEL
- SAND
- SILT
- CLAY

Soil symbols may be combined to denote the various soil combinations, the predominant being heavier.

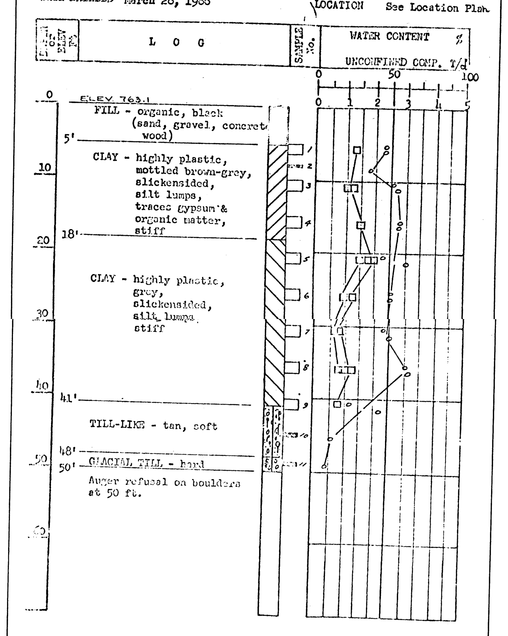
e.g. CLAY - silty

TILL-LIKE - mixture silt, sand, gravel, boulders, firm to soft.

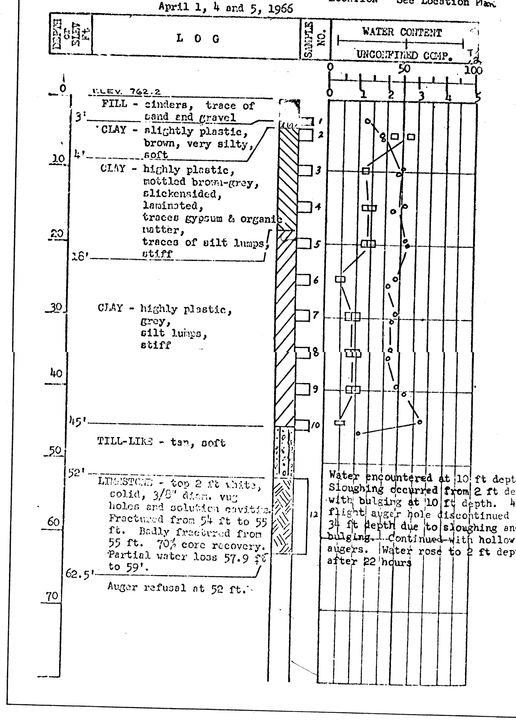
GLACIAL TILL - mixture silt, sand, gravel, boulders, hard.

All field and laboratory data sheets used for preparation of the test hole logs are on file at the office of Ripley, Klohn & Leonoff Ltd., 145 Colony Street, Winnipeg, and are available for inspection.

HOLE ADVANCED BY Power Auger - 16" diam. TEST HOLE NO. 101
DATE DRILLED March 28, 1966 LOCATION See Location Plan



HOLE ADVANCED BY Rotary Drill - 9" diam. hollow stem, 4" Flight Augers, and Diamond Drill TEST HOLE NO. 102
DATE DRILLED April 1, 4 and 5, 1966 LOCATION See Location Plan



2185-106

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
BOREHOLE INFORMATION

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1188 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

REGISTERED PROFESSIONAL ENGINEER MANITOBA

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	TB
CHECKED	DS
FILE No.	
SHEET No.	
DATE	OCT./67
SCALE	AS SHOWN
DRAWING No.	2185-106

N.W.C.L. TRANSTEX 18 600-8-66

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES

EXISTING SITE PLAN AND BOREHOLE LOCATIONS

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

ISSUE OR REVISION

DESCRIPTION	BY	APP.	DATE
FOR TENDER			JAN 15/68
FOR APPROVAL			20/10/67

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My License Expires 10 Jan. 1968

J. T. F. THORPE

ARCHITECTS
Wishart Ross + Blankstein Chop Gilmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

COMBATIVE PROFESSIONAL ENGINEERS
A. D. MARKISON AND ASSOCIATES LIMITED
1132 LESLIE STREET, DON MILLS, ONTARIO

APPROVED

DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	CHECKED	SCALE	DATE
	JTT	1/16 to 1'-0"	Feb 1968

FILE No.	DRAWING No.	SHEET No.
	2186-101	

NOTE 1. DEMOLISHED RAILWAY BUILDING THE FOUNDATIONS OF WHICH ARE LIKELY TO BE ENCOUNTERED IN EXCAVATIONS NOTED

2. FOUNDATION WALLS OF DEMOLISHED RESIDENTIAL PROPERTIES AT TOGO, GLASGOW, WOODWARD AND BRANDON AVENUES ARE ALSO LIKELY TO BE ENCOUNTERED.

3. BOREHOLE INFORMATION ON DRWG. NO. 2186-106

PROPERTIES SHOWN THUS WILL NOT BE DEMOLISHED AND AVAILABLE TO THE CONTRACTOR UNTIL SEPTEMBER 1st, 1968

O S BORNE

BRANDON AVENUE

WOODWARD AVENUE

GLASGOW AVENUE

TOGO AVENUE

STREET

SITE BOUNDARY

CENTRAL OFFICE

SCHOOL ROOM

FUEL OIL STORE

MOTIVE POWER [demolished]

ROUNDHOUSE [demolished]

TRANSFER TABLE [demolished]

CAR & STORM WINDOW STORAGE [demolished]

FREIGHT CAR REPAIR SHOP [demolished]

COACH SHOP

FIRE HALL

CAISSON

CANOPIES

BH 1

BH 2

BH 3

BH 4

BH 5

BH 6

BH 7

BH 8

BH 9

BH 10

BH 11

BH 12

BH 13

BH 14

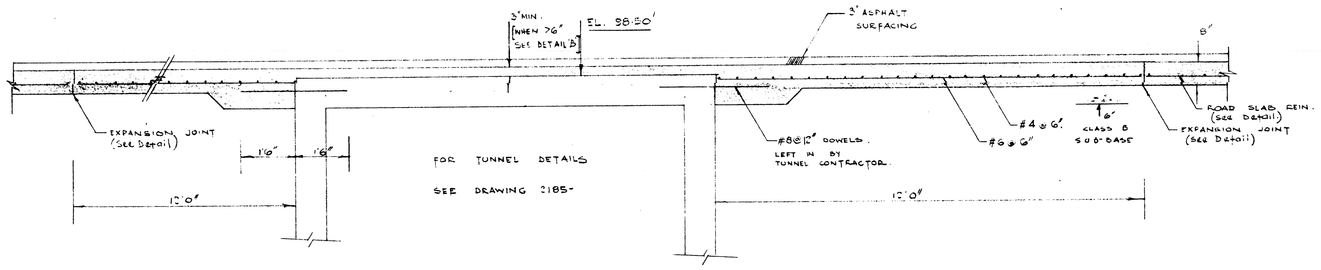
W.L. LOT 15 BLOCK 4 PLAN 1906

W.L. LOT 11 BLOCK 4 PLAN 301

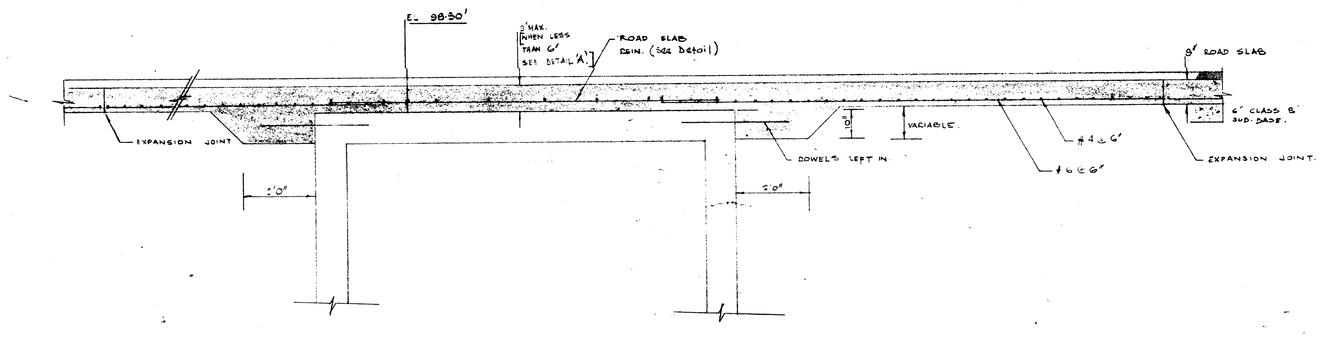
W.L. LOT 11 BLOCK 3 PLAN 301

SEE 2186-10

PLEASE KEEP

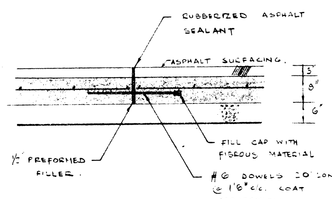


— TUNNEL DETAIL —
SECTION 'A' — SOUTH.

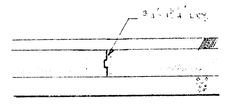


SECTION 'B' NORTH

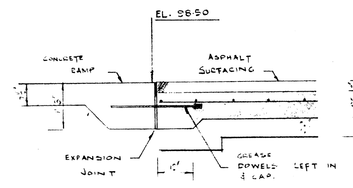
CONCRETE WALKS TO BUILDING ENTRANCES.



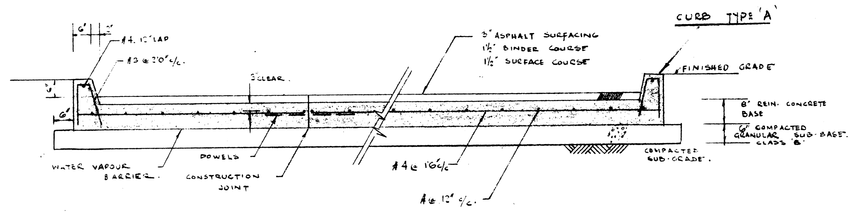
EXPANSION JOINT



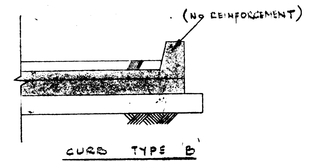
CONSTRUCTION JOINT



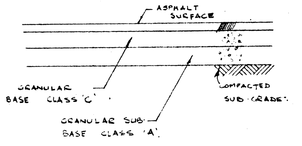
— SECTION 'C' —
DETAIL AT APPROACH RAMPS TO BUILDING



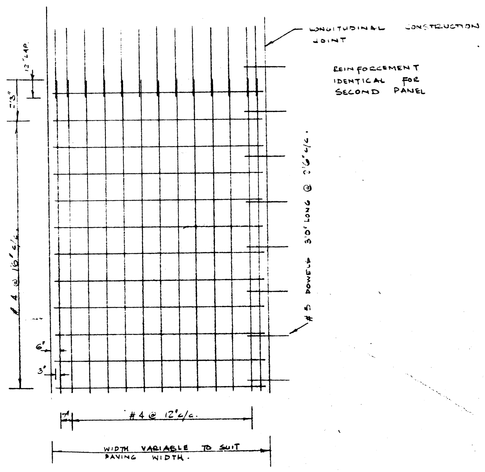
TYPICAL PAVEMENT DETAIL
BUS AREAS



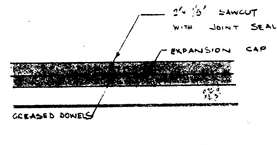
CURB TYPE 'B'



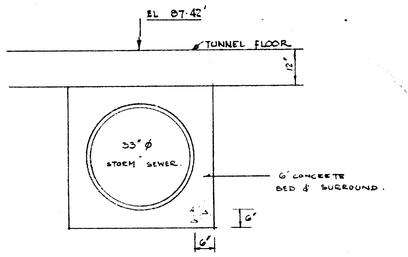
TYPICAL PAVEMENT DETAILS
CAR PARK AREAS.



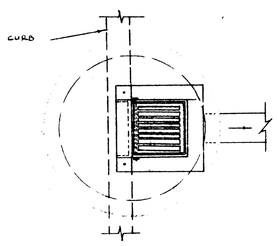
PAVEMENT BAR MAT
DETAILS — Scale ½" - 1'0"



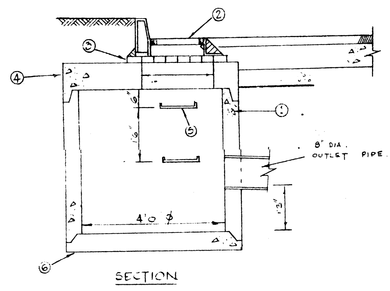
CONTRACTION JOINT



DETAIL OF STORM SEWER
UNDER TUNNEL [LINE SB-S17]

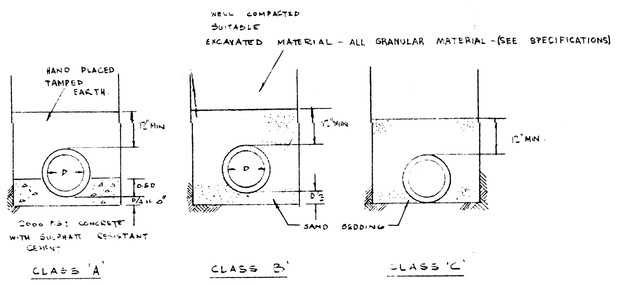


PLAN



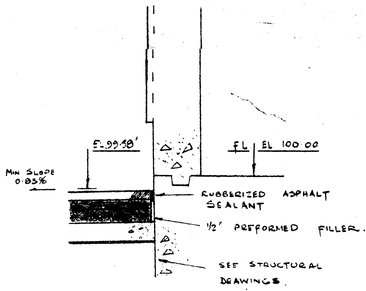
SECTION

CATCH BASIN DETAIL
Scale ½" - 1'0"



CLASS 'A' CLASS 'B' CLASS 'C'

CONCRETE PIPE BEDDING STANDARDS



— SECTION 'D' —

NOTES —

1. STANDARD 48"ø PRECAST REIN. CONCRETE MANHOLE BASE MANUFACTURED & REINFORCED TO A.S.T.M. C-76-57T, CLASS III WITH ADDITIONAL 2 SECTIONS OF 48"ø PIPE AS REQUIRED FOR DEPTHS INDICATED ON 2185-102
2. CAST IRON CATCH BASIN COVER, FRAME & CURB BOX (MANITOBA BRIDGE & ENGINEERING WORKS # F 1509-11 OR APPROVED EQUAL)
3. ONE COURSE MIN. OF CONCRETE OR CLAY BRICKS TO ADJUST TO FINISHED GRADE.
4. PRECAST R.C. CATCHBASIN TOP # 5 BARS TOP & BOTTOM 2'-0" c/c WITH #4 (BENT INTO CIRCLE) TOP & BOTTOM ON PERIMETER (1½" COVER TO ALL STEEL)
5. STANDARD GALVANIZED 15" STEPS AT 16" c/c ABOVE INVERT OF PIPE
6. POURED CONCRETE BASE (3000 P.S.I.) WITH SULPHATE RESISTANT CEMENT.

2185-104

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
PAVEMENT DETAILS AND STANDARD DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

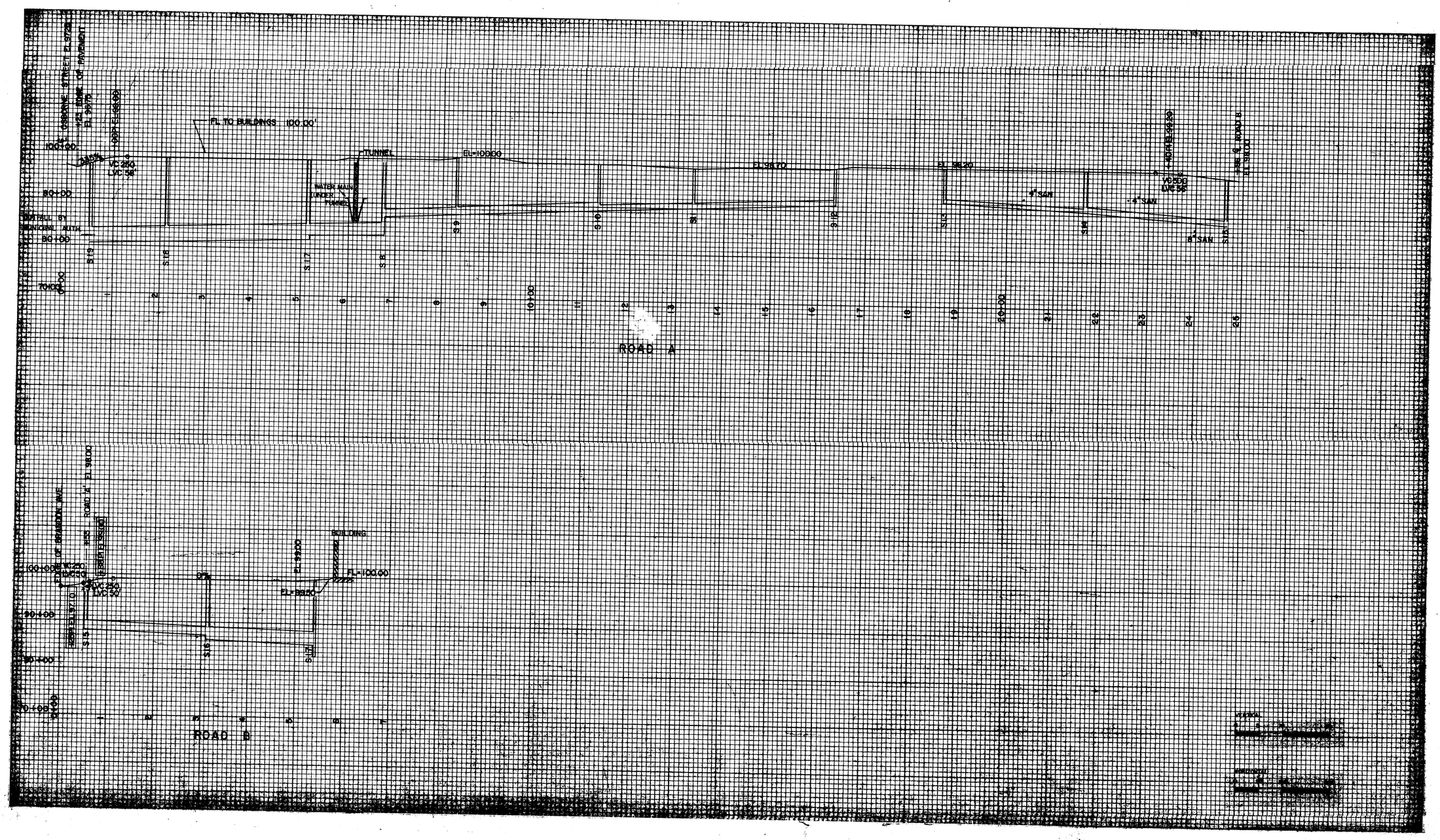
ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

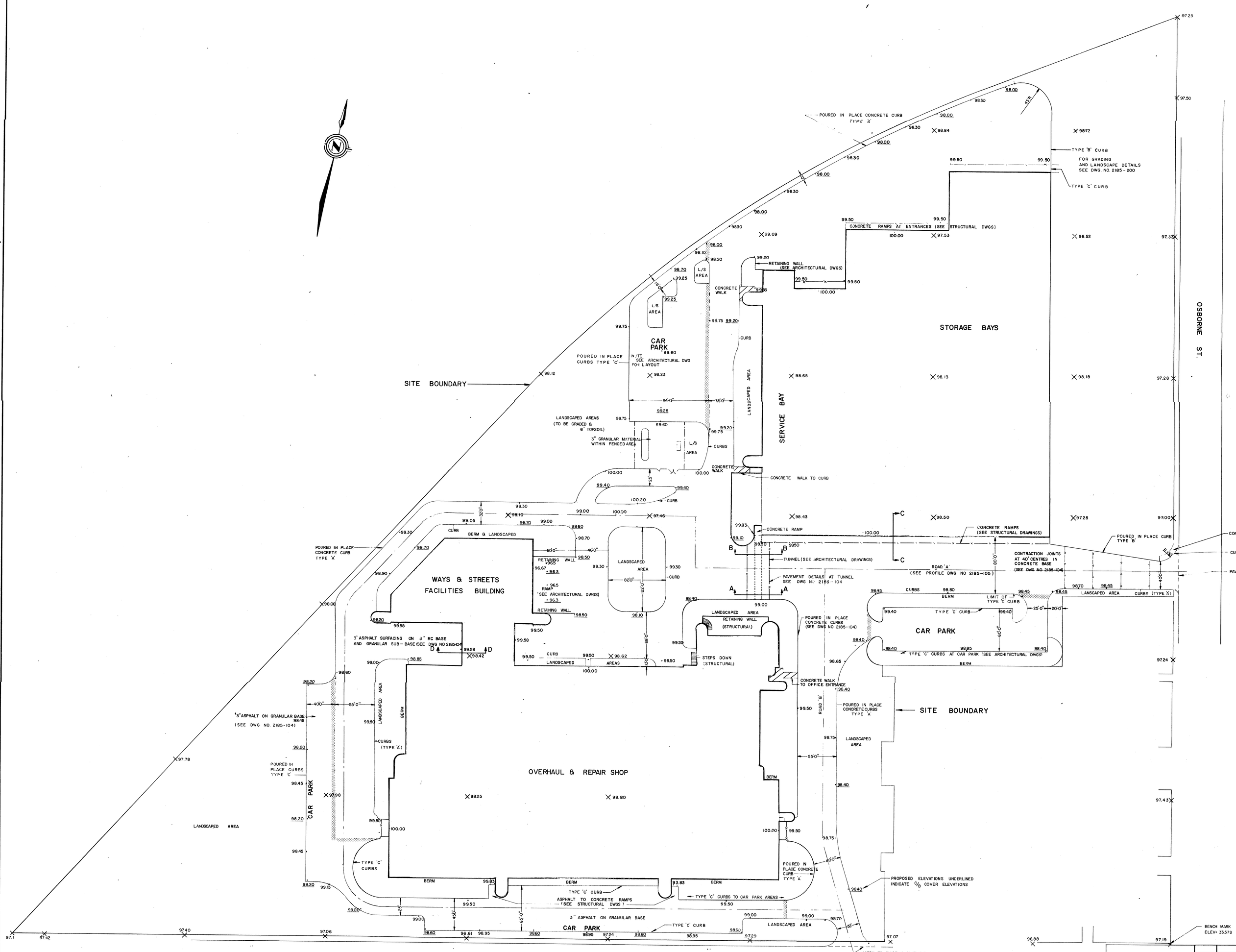
J. T. F. THORPE
LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My License Expires 31 Jan. 19[illegible]

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	DS	DATE	SEPT / 67
CHECKED	DS	SCALE	AS SHOWN
FILE No.		DRAWING No.	2185-104
SHEET No.			

N.W.C.L. TRANSTEX 18 400-8-68


FL TO BUILDINGS 100.00'
TUNNEL
EL=100.00
EL=98.70
EL=98.20
WATER MAIN TUNNEL
FOUNDRY
8" SAN
4" SAN
ROAD A
ROAD B
BUILDING
FL=100.00
EL=99.50
EL=98.50
VC 250
LVC 50
VC 200
LVC 50
VC 300
LVC 50
VC 400
LVC



NOTE

ALL ELEVATIONS ARE SHOWN 63.50' ABOVE CITY DATUM
ASSUMED DATUM: 100.00 = FLOOR LEVEL
FOR SETTING OUT DATA TO BUILDINGS SEE PLAN NO 2185-201
ALL CURBS ARE TO BE POURED IN PLACE EXCEPT IN NORTH CAR PARK (SEE ERWG NO 2185-200)
ALL POURED IN PLACE CURBS TO BE TYPE 'A' UNLESS STATED OTHERWISE
ALL BERMS AND LANDSCAPED AREAS TO BE GRADED AND 6" TOPSOIL (SEE ARCHITECTURAL DWGS)
SEE DWG No 2185-104 FOR SECTIONS A-A TO D-D

E-2185-103

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
PAVING PLAN

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	TB
CHECKED	DS
FILE No.	
SHEET No.	
DATE	JAN / 68
SCALE	50' = 1"
DRAWING No.	2185-103

N.W.C.L. TRANSTEX 13 200-11-66

STORM SEWERS				SAN. SEWERS		EX. SEWERS	
S.NO	INV.LEVEL	S.NO	INV. LEVEL	NO	INV. LEVEL	NO	INV. LEVEL
S 1	92.35	S 11	90.00	N 1	92.80	1	76.87
S2	91.27	S12	91.20	N2	90.30	2	77.71
S3	89.40	S13	92.00	N3	86.85	3	78.72
S4	88.10	S14	90.50	N4	87.30	4	79.50
S5	86.60	S15	88.85		85.79	14	83.60
S6	91.00	S16	87.28 86.53	N5	93.00 4.9	15	84.65
S7	90.18-S21	S17	83.52		88.85	16	85.92
	89.65-S6		80.52 85.85 S 16	N6	90.42	17	85.92
	84.70	S18	80.92	N7	92.70		
S8	89.32-S22	S19	85.65-S5	M/H7	EX.INV.8225		
	87.20-S9		80.41	INLET	86.06		
	83.30	S20	92.50		83.45		
S 9	87.70	S21	90.80	N8	87.10		
S 10	89.20	S22	91.80				

NOTE

1. MANHOLE COVER LEVELS TO SUIT GRADE ELEVATIONS INDICATED ON 2185-103
2. ALL PIPES OVER 18" DIA TO BE CONCRETE TO ASTM C-76-CL II AND ASTM C-14-SS FOR 18" DIA AND UNDER UNLESS OTHERWISE INDICATED ON THIS DRAWING
3. JOINTS TO BE RUBBER GASKET AS SPECIFIED
4. CONNECTIONS TO HYDRANTS TO BE 6"
5. HYDRANT AND PUMPER CONNECTIONS TO BE CITY OF WINNIPEG FIRE DEPT SIZE 6 THREADS TO 1" FOR 2½" OUTLET
6. ALL WATER MAINS TO HAVE MIN. COVER OF 8'0"
7. ALL CATCHBASIN OUTLETS TO BE 8"ø

① Overhaul & Repair Shop - - - - TYPE F-2 per 3.2.1.49
② Garage & Storage Bays #1, #2 - TYPE F-2 per 3.2.1.49
③ Storage Bays #3 & #4 - - - - - TYPE F-3 per 3.2.1.49
④ Ways & Streets Facilities Bldg. - TYPE F-2 per 3.2.1.48
⑤ Administration Building - - - TYPE D per 3.2.1.37

SITE BOUNDARY
CAR PARK
STORAGE BAYS
SERVICE BAY
WAYS & STREETS FACILITIES BUILDING
OVERHAUL & REPAIR SHOP
CAR PARK
SITE BOUNDARY
CAR PARK
CAR PARK
EXISTING 6" WATERMAIN
BRANDON AVE
EXISTING 18" SEWER
EXISTING SEWER
OSBORNE ST.
EXISTING 10" WATERMAIN
EXISTING SEWER
EXISTING 6" MAIN

8" FIREMAIN
4" SAN
6" SPRINKLER MAIN
12" STORM
8" SAN
6" DOMESTIC WATER SUPPLY
10" STORM
6" SPRINKLER MAIN
8" SPRINKLER MAIN
6" DOMESTIC WATER SUPPLY
WATERMAINS TAKEN UNDER TUNNEL
BACKWATER VALVE IN MANHOLE WALL
8" FIRE MAIN
CONNECTION TO EXISTING WATERMAIN
EXISTING 6" WATERMAIN
6" SPRINKLER MAIN
8" FIRE MAIN
CL PIPE AND FITTINGS
MECHANICAL JOINT
CLASS 250
6" SPRINKLER MAIN
6" SPRINKLER MAIN
12" STORM DRAIN
8" SAN
15" STORM DRAIN
12" STORM DRAIN
EXISTING 6" MAIN
6" FIREMAIN
12" STORM
8" SAN
6" FIREMAIN
12" STORM
8" FIREMAIN
12" STORM

300' 15"ø 0.36%
300' 42"ø 0.30%
162' 42"ø 0.3%
160' 33"ø 0.3%
300' 8"ø 14.4%
300' 8"ø 10%
170' 8"ø 10%
300' 8"ø 10%
300' 21"ø 0.5%
100' 21"ø 0.5%
300' 10"ø 0.50%
300' 12"ø 0.55%
248' 12"ø 1.0%
105' 8"ø 1.5%
68' 6"ø 2.9%
300' 18"ø 0.4%
226' 30"ø 0.30%
280' 21"ø 0.60%
300' 21"ø 0.5%
150' 21"ø 0.5%
135' 24"ø 0.7%
150' 18"ø 0.5%
150' 8"ø 0.5%
160'-10"
153'-0"
6'-0"
3'-0"
25' MIN. REQ
25' MIN REQ

NOTE
FOR POSITION OF ALL DRAINAGE PIPES & WATER LINES IN NORTHERLY DIRECTION SEE PLUMBING AND DRAINAGE AND FIRE PROTECTION PLANS

NOTE
FOR DETAILS OF INSIDE DRAINAGE SEE PLUMBING & DRAINAGE PLANS

SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS

SEE PLUMBING AND DRAINAGE PLANS FOR DETAILS OF INTERCEPTOR

FOR DETAILS OF STORM AND SANITARY SEWERS ON THIS LENGTH SEE PLUMBING AND DRAINAGE PLANS

SEE DETAIL

SEE NOTE

CONNECTION TO STREET MAIN
TEE WITH LINE STOPPER FOR FUTURE USE
PIV
CHECK VALVE CHAMBER
DETAIL AT CONNECTION

NOTE
PLUGGED 6" SAN SEWER CONNECTIONS FOR FUTURE SERVICE PROJECTIONS TO BE PROVIDED.

PROPOSED OUTLET SEWER BY MUNICIPAL AUTHORITY

LEGEND

- PROPOSED SANITARY SEWERS AND MANHOLES
- PROPOSED STORM SEWERS MANHOLES AND CATCHBASINS
- EXISTING SEWERS
- PROPOSED FIRE MAIN AND PIV
- HYDRANT
- EXISTING WATERMAIN
- CHECK VALVE CHAMBER
- GATE VALVE
- LINE STOPPER

METRO COPY

APPLICATION APPROVAL

DEPT.	APPLIED FOR		APPROVED			
	DATE	TIME	DATE	TIME	BY	FWD. TO
ZONING			10/5/68			
PLAN EXAM.						
PLANNING						
STS. & T.E.						
W. & W.						
MUNC.						
PROV.						

B. Lampkins 29/3/68

E-2185-102

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
JAN 19/68	2		FOR TENDER	TB
20/10/67	1		FOR APPROVAL	TB

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SITE SERVICES
STORM AND SANITARY SEWERS AND WATER SUPPLY

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA
My License Expires 31 Jan 1969

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	TB
CHECKED	DS
FILE No.	
SHEET No.	
DATE	JAN / 68
SCALE	1" = 50'
DRAWING No.	2185-102

N.W.C.L. TRANSTEX 13 200-11-66

SEE SPECIFICATIONS

RUBBLE MASONRY WALL DETAIL 1/200

(SEE LANDSCAPING GENERAL / SEE PRIME AGR ASSURANCE)

TYPICAL RAISED CONCRETE CURB TYPE 'C' 4/200

UNDISTURBED GROUND

TYP. OF EACH PARKING SPACE

SECTION THRU NORTH PARKING AREA 5/200

DETAIL AT OFFICE PARKING AREA 6/200

PLAN 7/200

EXISTING BUILDING

NEW ADDITION IN CONTRACT

CONTRACTOR'S YARD

SHT. A-2

SEE SECT. X-X ON SHT. 22.1

SECT. B-B

SEE SECT Y-Y ON SHT. 22.1

SECT. F-F

SECTIONS THRU SERVICE

NOTE: FOR REFERENCE TO CITY DATUM & EXISTING ELEVATIONS SEE SITE SERVICE DRAWING No. 61-80-109

DEVELOPMENT PLAN WITH PROPOSED AND EXISTING STRUCTURES
SCALE: 1" = 50'-0" (GROUNDED TO DECK SHT) ALLOWANCE

BRANDON AVE.

SECT. G-G

SECTIONS THRU SERVICE SCALE: 1"=10'-0"

SECT. H-H

SECT. J-J

SECT. K-K

NUMBER TEN ARCHITECTURAL GROUP

A. D. MARGISON ASSOCIATES LTD.
CONSULTING ENGINEERS
SUITE 305—1200 YONGE STREET
TORONTO, ONTARIO M4T 1X2

PROVINCE OF MANITOBA — REGISTERED ARCHITECTS

NOTE

AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF TRANSIT ADDITION DATED: 9.5.77 AS BUILT

DATE	ISSUE No.	REV. No.	DESCRIPTION
5.10.79	7	J	CURB LOCATION AT NORTH-EAST CORNER
6.9.77	6	I	GARAGE ADDITION - FOR TENDER
9.5.77	5	H	LANDSCAPE DATA: EAST AREA REMOVED
28.4.76	4	G	FOR CONSTRUCTION
25.2.76	3	G	FOR TENDER
13.1.76	2	G	FOR APPROVAL
20.10.67	1	G	ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

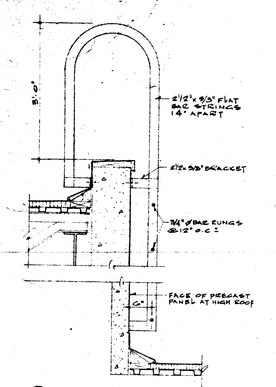
DEVELOPMENT PLAN & MISCELLANEOUS DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1186 LESLIE STREET, DON MILLS, ONTARIO

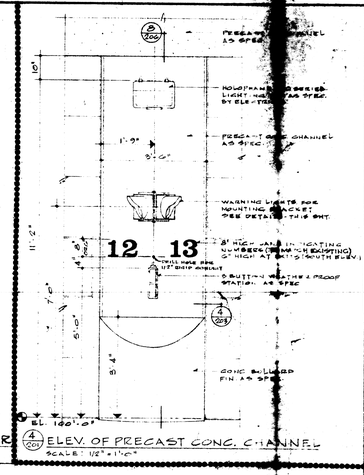
ARCHITECTS
Waisman Ross / Bluestein Coop
80 DONALD STREET, WINNIPEG, MANITOBA

APPROVED

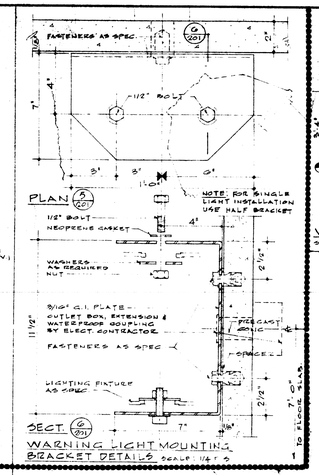
DRAWN BY: D.W.C.
CHECKED:
DATE: 15.12.67
SCALE: AS NOTED
DRAWING No.



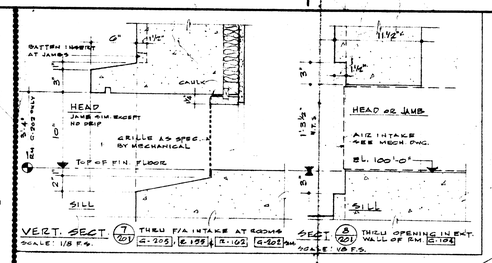
9/201 SECT. THRU ROOF ACCESS LADDER
SCALE: ¾" = 1'-0"

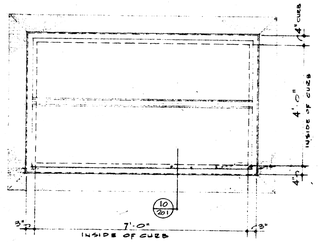


4/201 ELEV. OF PRECAST CONC. CHANNEL
SCALE: 1/2" = 1'-0"

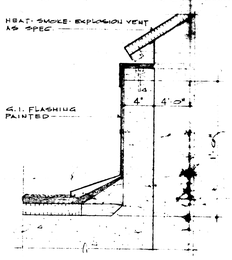


SECT. 6/201 WARNING LIGHT MOUNTING BRACKET DETAILS SCALE: 1½" = 1'-0"

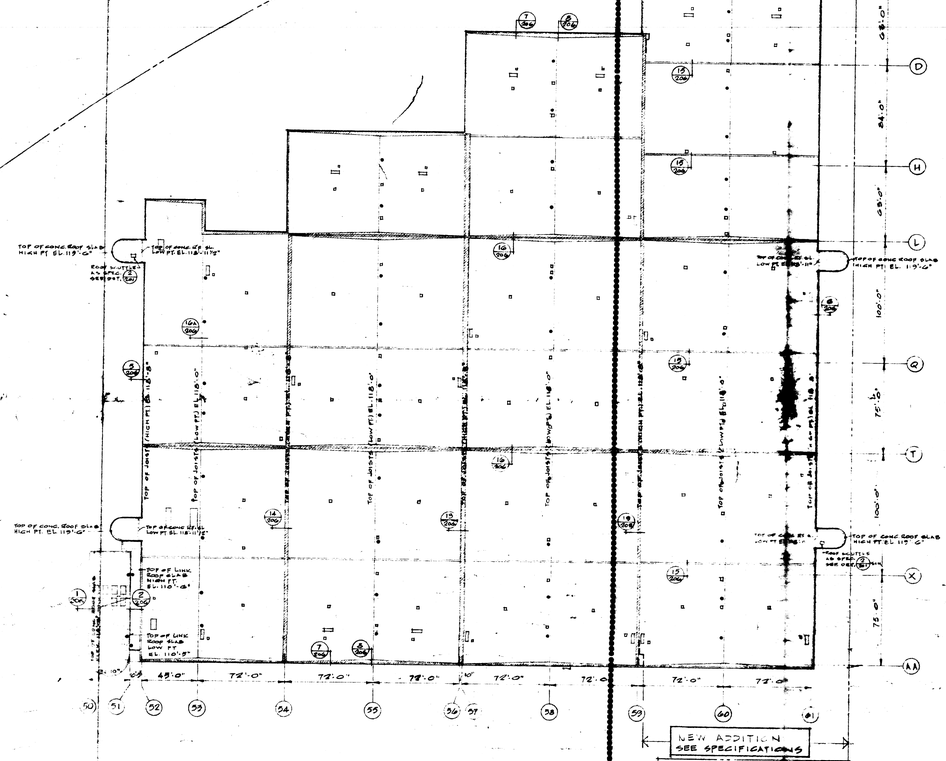


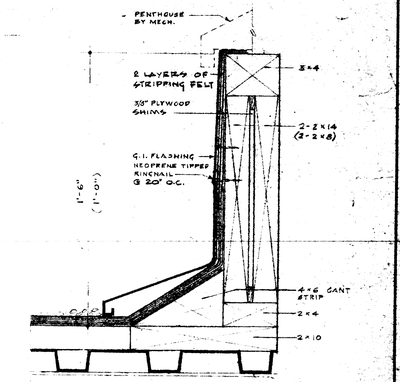


9/201 PLAN OF HEAT-SMOKE-EXPLOSION VENT ON ROOF OVER METER & BLENDING RM. G-104
SCALE: 1½" = 1'-0" 5 REQUIRED

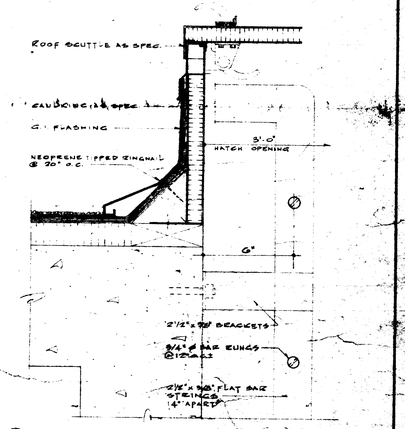


10/201 SECT. THRU VENT
SCALE: 1½" = 1'-0" FULL SIZE

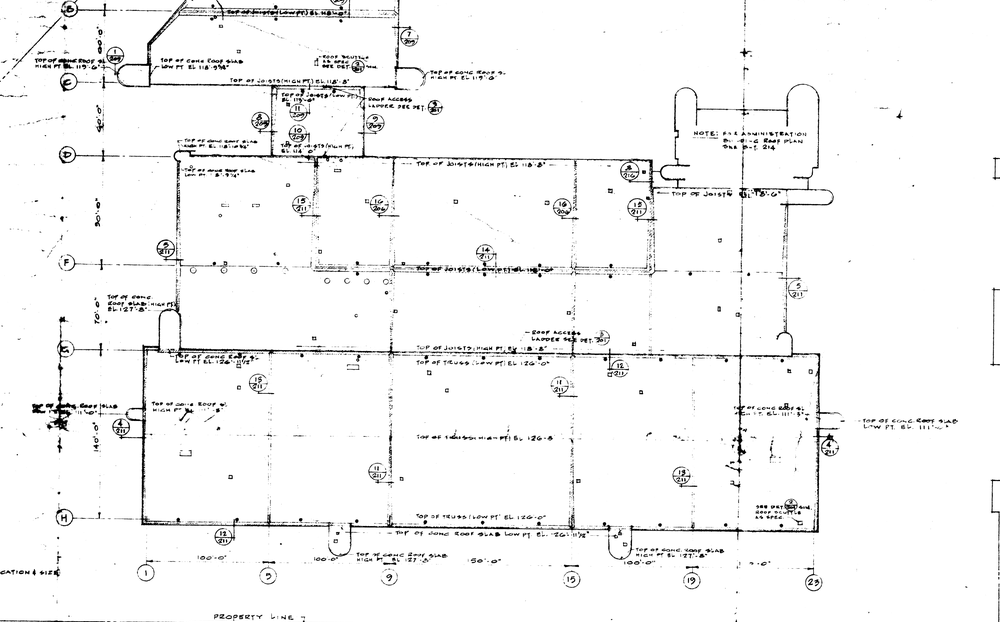




1/201 SECTION THRU TYPICAL CURB AT ROOF SCALE: 1/4 F.S.
FOR OPENING SIZES SEE MECH. DWGS.



6/201 SECTION THRU ROOF ACCESS
SCALE: 1½ FULL SIZE


TOP OF JOISTS HIGH PT EL 118'-8"
TOP OF JOISTS HIGH PT EL 118'-8"
TOP OF JOISTS HIGH PT EL 118'-8"

EXISTING BUILDING

NEW ADDITION
SEE SPECIFICATIONS

NEW CONC. CURB

EXIST. CONC. CURB TO REMAIN

REMOVE EXIST. CONC. CURB

NEW CONC. CURB

NEW CONC. WALL IN THE GARAGE ADDITION SOUTH-EAST

NEW PRECAST CONC. FASCIA PANELS START HERE

REMOVE EXIST. PRECAST CONC. CORNER PANEL ABOVE

PRECAST CONC. PANEL JOINT

N.E. CORNER

LINE OF PRECAST CONC. PANEL OVER

EXISTING WALL

EXISTING 12" CONC. BLK.

PROVIDE NEW OPENING IN EXIST. WALL & INSTALL NEW DOOR & FRAME

PRECAST CONC. PANEL JOINT

SOUTH EAST CORNER

NEW CONC. FASCIA PANELS START HERE

EXPANSION JOINT DET.

CONTROL JOINT DET.

1" FLEXIBOARD BOTH SIDES

EXPANSION JOINT COVER AS SPEC

1ST CONTROL JOINT TO RECEIVE BACKING ROD AS SPEC & CAULK AS SPEC

16" CONC BLOCK

MET. LATH & PERLITE PLASTER AS SPEC

TOP OF MAIN ROOF JOISTS ELEV. 118'-2" (HIGH POINT)

PRECAST CONC. PANEL AS SPEC

PROVIDE NEW C.B. LINTEL

NEW H.M. DOOR & FRAME

TOP OF GARAGE FLOOR SLAB ELEV. 100'-0"

EXTERIOR ELEVS SOUTH-EAST CORNER

NORTH-EAST CORNER

ELEVATIONS SHOW EXISTING CONDITIONS & WORK TO BE DONE

REMOVE EXIST. PRECAST CONC. FENCE PANEL

REMOVE EXISTING MISC. FENCES & MACHINERY - SEE DET. _ on 201

NOTE:
AUTOMATIC WANDS
WARNING LIGHTS

SERVICE BAY

FOR LARGE SCALE PLAN SEE SHEET 204

STORAGE BAY #1

STORAGE BAY #2

STORAGE BAY #3

STORAGE BAY #4

NOTE: ROUGH IN FOR WANDS & WARNING LIGHTS THIS BAY ONLY

DRINKING FOUNTAIN

MECH. AREA

LINE OF PRECAST CONC. PANEL OVER

CONC. CURB

8" LIGHTWEIGHT CONC. BLOCK

NOTE:
(F) INDICATES 2 HR. FIRE SEPARATION

A. D. HARRISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 202—1600 YONGE STREET
TORONTO, ONTARIO M4T 1X2

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS IN CONSULTANT ASSOCIATION WITH ARCHITECTS

APPROVED

NOTE
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THAT THEY ARE NOT APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED: 9.5.77

SECT. THRU EXIST. EAST WALL

SECT. THRU EXTERIOR WALL

LINE OF PRECAST CONC. PANEL OVER

LOW CONC. RET. WALL (TOP EL. 101'-0")

DRINKING FOUNTAIN

CONTROL JOINT AT ROOF

CONTROL JOINT AT CONC.

(TYPICAL)

NOTE: FLASHING DET. SIMILAR TO DET. 4/202

TOP OF CONC. BEAM ELEV. 119'-6"

TOP OF MAIN ROOF JOISTS ELEV. 118'-2"

MECHANICAL REINF. AS SPEC. (EVERY 8TH COURSE)

TOP OF GARAGE FLR. SLAB ELEV. 100'-0"

EXPANSION JOINT AT ROOF

BUMPER POSTS

PART 4/202

10" EXPANSION JOINT AT ROOF

SAND BLAST AS SPEC (TYPICAL)

SAND BLAST AS SPEC

3/4" CHAMFER TYPICAL PAINT

3" RIGID INSUL.

1/2" FLEXCELL

8" LIGHTWEIGHT CONC. BLOCK AS SPEC.

1/2" FLEXCELL BOTH SIDES

MET. LATH & PERLITE PLASTER AS SPEC.

1/2" FLEXCELL (IF FLEXCELL AT C & L & T)

PLAN DETAILS SCALE: 1/4"=1'-0"

3/4" CHAMFER TYPICAL ALL CONC EDGES ALL

SAND BLAST ALL EXPOSED CONC. SURFACES

HOLLOW METAL DOOR & FRAME

ROUGH OPEN'G HEIGHT 7'-3"

ALUM. THRESHOLD

LINE OF CONC. AT HEAD

NOTE: FOR OVERHEAD DOOR DETAILS SEE SHT. 207

TYPICAL JOINT DETAIL
SCALE: FULL SIZE

1/2" G.D. - PAINT

3" RIGID INSUL.

10" CONC. RETAINING WALL TOP EL. 101'-0"

(SMOOTH FORMED CONC. SANDBLAST)

2x4 VERT. STRAPPING @ 24" O.C.

SERVICE PROJECTION
SCALE: 1/8"=1'-0"

GAUGE

ROD AS SPEC

COPPER FLASHING AS SPEC.

EXPANSION JOINT
SCALE: FULL SIZE

FIBERGLAS CAULKING

3" RIGID INSUL

1/2" G.D. - PAINT

JAMB 9/202 SC: 1/4"=1'-0"

6" CONC. LINTEL BLOCK

HEAD 11/202

RAKED JOINT TYPICAL

JAMB 10/202 SC: 1/4"=1'-0"

2x4 STUDS @ 24" O.C.

3" BATT INSULATION VAPOUR BARRIER IN CEMENT PLASTER ON WALL

PAINTED (TYPICAL)

NOTE: FILL ALL BLOCK CORES WITH MORTAR TYPICAL AT CONC. BLK.

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	INITIAL
9.10.79	5		AS BUILT	
9.5.77	4		GARAGE ADDITION - FOR TENDER	
29.8.66	3	0	FOR CONSTRUCTION	
19.1.66	2	0	FOR TENDER	
20.10.65	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY

FLOOR PLAN & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. HARRISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross + Blankstein Coop Gilmor Hanna
93 ARNOLD STREET, WINNIPEG, MANITOBA

APPROVED

DRAWN BY: GC D.A.C.
CHECKED:
FILE No.:
SCALE:
DATE:

DRAWING No. 2165-202
ARCHITECTURAL

SERVICE BAY
G-114

STORAGE BAY #1
G-119

STORAGE BAY #2
G-120

STORAGE BAY #3
G-121

STORAGE BAY #4
G-122

FOR DETAILS IN THIS AREA SEE SHEET 204

LINE OF PRECAST CONC. PANEL OVER

CONC. GUIDE

8" LIGHTWEIGHT CONC. BLOCK

FAN ROOM #2 G-152

FAN ROOM #1 G-154

TRUCK HOUSE #2 G-155

TRUCK HOUSE #1 G-156

DRINKING FOUNTAIN

LUNCH K'M. G-110

STAIRHALL #2 G-116

MECH. AREA G-111

VEST. G-109

MECHANICAL ROOM G-105

STORAGE G-108

METER & BLENDING ROOM G-104

SIGN STORAGE G-107

4" CONC. BLK. 4'-0" HIGH

CORRIDOR G-112

TRANSFORMER VAULT G-103

STAIRHALL #1 G-106

ELECTRICAL ROOM G-102

VEST. G-101

NOTE: ROUGH IN FOR WANDS & WARNING LIGHTS THIS BAY ONLY

STAIRHALL #3 G-113

CONCRETE BUMPER POST

CONTROL JOINT AT ROOF

FOR MOTOR CONTROL CENTRE SEE E-1 SERIES

EXPANSION JOINT AT ROOF

NOTE:
(F) INDICATES 2HR. FIRE SEPARATION

12" CONC. BLOCK

EQUIP. STORAGE G-117

MECH. EQUIP. G-118

CORRIDOR G-123

LINE OF PRECAST CONC. PANEL OVER

REMOVE EXIST. SIGN & FOUNDATION

REMOVE EXIST. CONC. CURB

NEW CONC. RET. WALL TOP EL. 101'-0"

NEW CONC. CURB

NEW ADDITION
SEE SPECIFICATIONS

N
AUTO WANDS
WASHING LIGHTS

PLAN DETAILS SCALE: 1/4"=1'-0"

NOTE: FOR OVERHEAD DOOR DETAILS SEE SHT. 207

8" LIGHTWEIGHT CONC. BLOCK AS SPEC.

4" CONC. BLK.

SPRAYED URETHANE INSULATION

2" (MAX EXPANSION) 1/4" (MIN CONTRACTION)

BATT INSUL.

EXPANSION JOINT COVER TYPE VI AS SPEC.

SAND BLAST AS SPEC. (TYPICAL)

SAND BLAST ALL RECESSED IN PLACE CONC. WALL

LINE OF PRECAST CONC. PANEL OVER

SAND BLAST

SAND BLAST AS SPEC.

ALUM. THRESHOLD AS SPEC.

NOTE: NO FENDER GUARD

NOTE: NO FENDER GUARD

SECTION AA

SCALE: 1/4" FULL SIZE

TYP. DET AT PRECAST PANEL & CONC. WALL

1/2" STUD, NUT & WASHER

CONT. PLATE @ 2'-0" o/c

L 4"x 4" x 5/16" WELDED TO CONC.

TT CONNECTION

SCALE: 1/4" FULL SIZE

3/4" CHAMFER TYPICAL

LINE OF PRECAST CONC. PANEL OVER

CONC. RETAINING WALL BACKFILL: SANDBLASTED TOP EL. 101'-0"

CONC. CURB SEE DET. 2/200

SAND BLAST

UPPER LEVEL

LOWER LEVEL

SERVICE PROJECTION FLOOR PLANS

SCALE: 1/8" = 1'-0"

CONC. RETAINING WALL

LOWER LEVEL TOP EL. 101'-0"

LOWER LEVEL TOP EL. 101'-0"

NOTE
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 9.5.77

DATE	ISSUE NO.	REV. NO.	DESCRIPTION
5.10.79	G		AS BUILT
9.5.77	6		GARAGE ADDITION - FOR TENDER
6.5.68	4	1	REVISED DET. 7/205 - ADD DWGS # G-114 K & # G-106 G.
29.3.68	3	0	FOR CONSTRUCTION
19.1.68	2	0	FOR TENDER
28.10.67	1	0	FOR APPROVAL

ISSUE OR REVISION

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS

APPROVED

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 600—1550 YONGE STREET
TORONTO, ONTARIO M4T 1X2

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY
FLOOR PLAN & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Dana + Blankstein Coop Gilford, Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIVISION OF STREETS AND TRANSIT

DRAWN BY E.G. D.A.C.
CHECKED A.D.M.
DES. No.
DATE 15.12.67
SCALE 1/4"=1'-0" & AS NOTED
DRAWING No. 2185 - 203

METROPOLITAN CORPORATION OF GREATER
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SERVICE BAY

FLOOR PLAN & MISCELLANEOUS DETAILS

A. E. HARRISON ASSOCIATES LTD.
A. E. HARRISON AND ASSOCIATES LIMITED

NUMBER TEN ARCHITECTURAL GROUP

APPROVED

ISSUED ON REVISION

DATE	ISSUE NO.	REVISION NO.	DESCRIPTION
10.10.67	1	0	PRE-TENDER
11.1.68	2	0	FOR PERMIT
6.5.68	3	0	FOR CONSTRUCTION
7.11.68	4	1	ADDED DWGS. & ELEVATIONS
9.5.77	5	2	DELETION OF BASEMENT VAULTS
8.10.79	6	0	CANCELLATION - FOR TENDER

SCALE: 1/8"=1'-0"

SECTION THRU TRASH HOUSES
SCALE: 1/8"=1'-0"

PRECAST CONCRETE PANEL DETAILS
SCALE: 1/4"=1'-0"

TYPICAL EXPANSION JOINT AT EXTERIOR CONC. WALL
SCALE: 1/4" FULL SIZE

TYPICAL CONTROL JOINT AT EXTERIOR CONC. WALL
SCALE: 1/4" FULL SIZE

TYPICAL PATTERN INSERT ARRANGEMENT FOR POURED IN PLACE CONC WALLS
SCALE: 1/4"=1'-0"

RUSTED IN PLACE CONC WALLS
SEE SPECIFICATIONS
SHOWING PATTERN INSERT ARRANGEMENT
SCALE: 1/4"=1'-0"

TYPICAL PATTERN INSERT ARRANGEMENT FOR POURED IN PLACE CONC WALLS
SCALE: 1/4"=1'-0"

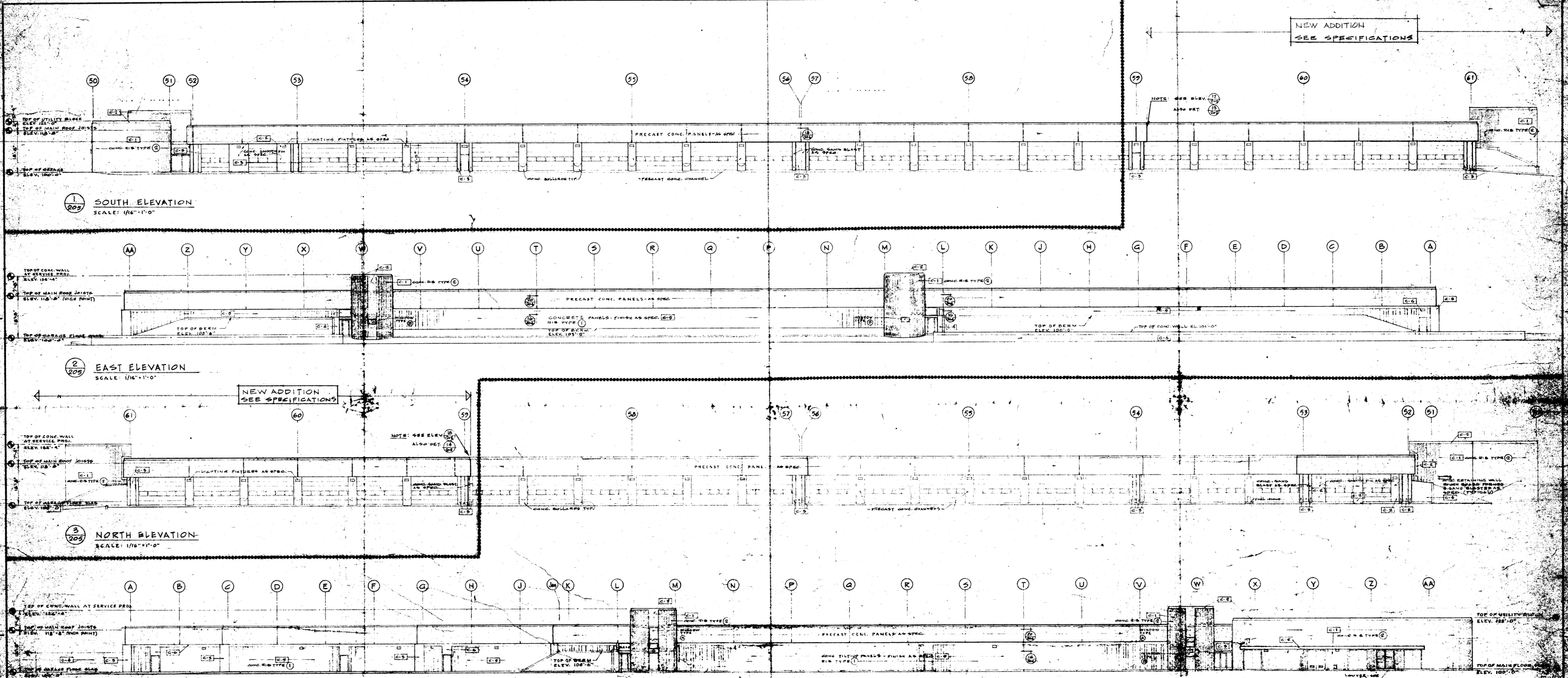
SECTIONS THRU TRASH HOUSES
SCALE: 1/8"=1'-0"

BASE DETAILS AT SERVICE BAY
SCALED TO FULL SIZE

ELEVATION
SCALE: 1/4"=1'-0"

PLAN
SCALE: 1/4"=1'-0"

SECTION
SCALE: 1/4"=1'-0"



NOTE:
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE WORK ARE ADDITIONS TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 9.5.77

CONCRETE FINISH SCHEDULE

- C-1 RIBBED CONCRETE, SAND BLASTED
- C-2 SMOOTH CONCRETE
- C-3 SMOOTH CONCRETE, SAND BLASTED
- C-4 VERTICAL ROUGH SAWN BOARD FINISH, SAND BLASTED
- C-5 CONCRETE PANELS, BATTEN INSERTS, SMOOTH CONC.
- C-6 CONCRETE PANELS - SMOOTH CONCRETE

CONCRETE RIB TYPES

- 1 SEE DETAIL 15/204
- 2 SEE DETAIL 14/204

DATE	ISSUE No.	REV. No.	DESCRIPTION
8.10.79	6		AS BUILT
9.5.77	5		GARAGE ADDITION - FOR TENDER
6.5.68	4	1	ADDITION OF BAYS #3-11 & #4 WEST ELEV. ADDED
25.5.68	3	0	FOR CONSTRUCTION
19.1.68	2	0	FOR TENDER
20.10.67	1	0	FOR APPROVAL

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY
ELEVATIONS & BUILDING SECTIONS

A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Wolman Reed & Gladstone Cook Winnipeg
30 DONALD STREET WINNIPEG, MANITOBA

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 200 — 1200 YONGE STREET
TORONTO, ONTARIO M4W 2K8

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS (IN PARTNERSHIP WITH MARGISON ASSOCIATES LIMITED)

APPROVED

DESIGN
DRAWN
CHECKED
DATE 20.10.67

DETAIL AT TOP OF EXT. WALL AT SERVICE BAY
SCALE: 1/8 FULL SIZE

DETAIL AT BASE OF EXT. WALL AT SERV. BAY
SCALE: 1/8 FULL SIZE

FLASHING DETAIL AT PRECAST PANEL
SCALE: 1/4 F.S.

TYPICAL FLASHING DETAIL AT PRECAST PANEL
SCALE: 1/4 FULL SIZE

EXPANSION JOINT AT FIRE WALL

CONTROL JOINT

ROOF FLASHING DETAIL
SCALE: 1/4 FULL SIZE

EXPANSION JOINT

INT. WALL AT SERVICE BAY

NOTE: FOR STRUCTURAL DETAILS SEE STRUCTURAL DRAWINGS

WALL SECTIONS
SCALE: 3/4" = 1'-0"

NOTE: FOR FOUNDATION DETAILS SEE STRUCTURAL DWG'S.

WEST WALL AT UTILITY BLOCK

EAST WALL AT UTILITY BLOCK

INT. WEST WALL AT SERVICE BAY

EAT WALL AT SERVICE PROJ.

EXT. WEST WALL SERVICE BAY

EXT. WALL AT STORAGE BAYS

EXT. NORTH & SOUTH WALL AT STORAGE BAYS

EXT. NORTH & SOUTH WALL AT STORAGE BAYS

EXT. SOUTH WALL AT VESTIBULES

INT. FIRE WALL AT EXPANSION JOINT

INT. FIRE WALL BETWEEN STORAGE BAYS

SECT. THRU SERVICE PROJ. AT WEST WALL
SCALE: 1/4" = 1'-0"

SECT. THRU SERVICE PROJ. AT EAST WALL
NEW ADDITION - SEE SPECIFICATIONS

SECT. THRU WEST ENTRANCE

SECT. THRU EAST ENTRANCE

SECT.

FLASHING DETAIL
SCALE 1/8 F.S.

ROOFING DETAIL
SCALE: 1/8 F.S.

NOTE:
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 9.5.77

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWING NO.
8.10.79	6		AS BUILT	
9.5.77	5		GARAGE ADDITION - ISSUE TO TENDER	
6.5.68	4	2	DET. 13/206 & 16/206 - REVISED AND ELSEWITH LIMIT ASSEC.	
29.3.68	3	1	FOR CONSTRUCTION REVISED AS PER ADDN. #3	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY

WALL SECTIONS & DETAILS

NUMBER TEN ARCHITECTURAL GROUP
APPROVED

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARRISON AND ASSOCIATES LIMITED
1750 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Wiseman Rees + Blankstein Coop Gillespie Hyndman
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
GENERAL MANAGER OF STREETS AND TRANSIT

DRAWN BY: EA
CHECKED: AMB
DATE: 16.12.69
SCALE: AS NOTED
JOB NO.
DRAWING NO. 2185-206
ARCHITECTURAL

NOTE:
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 9.5.77

MAIN FLOOR PLAN

UPPER LEVEL PLAN

STAIR PLANS AT SERVICE PROJECTION ADJACENT TO SERVICE BAY SCALE: 1/4"=1'-0"

NOTE: STAIR AT SOUTH-WEST SERVICE PROJ. (STAIRHALL #2) SIMILAR BUT REVERSED

SECTIONS THRU STAIR AT SERVICE PROJECTION SCALE: 1/4"=1'-0"

DETAIL OF HANDRAIL AT WALL SCALE: 1/4 FULL SIZE

BASE DET. SCALE: 1/2 FULL SIZE

TUNNEL ACCESS STAIR PLANS AT TUNNEL LEVEL SCALE: 1/4"=1'-0"

TYPICAL HANDRAIL DETAIL SCALE: 1/2 FULL SIZE

TYPICAL TREAD DETAIL SCALE: 1/2 FULL SIZE

TUNNEL ACCESS STAIR PLANS AT MAIN FLOOR LEVEL SCALE: 1/4"=1'-0"

SECTIONS THRU TUNNEL ACCESS STAIRS

WINDOW & ENTRANCE ELEVATIONS SCALE: 1/4"=1'-0"

ELEV. (1) WINDOW TYPE (A)

ELEV. (2) WINDOW TYPE (A) & (B)

ELEV. (2) WINDOW TYPE (B)

ELEV. (10) DOOR # C-122-H

ENTRANCE AT EAST SERVICE PROJECTION

ELEV. (11) DOOR # C-101-A

EXTERIOR MAIN ENTRANCE

ELEV. (12) DOOR # C-101-B

INTERIOR MAIN ENTRANCE

ELEV. (13) DOOR # C-151-B DOOR # C-192-B

EXIT AT SOUTH SIDE OF GARAGE

ELEV. (14) DOOR # C-802-A & C-101-A

TUNNEL DOORS

MULLION

WINDOW DETAILS SCALE: 1/2 FULL SIZE

NOTE: DETAILS SHOWN ARE FOR VARIMAX INSULATED WINDOWS SERIES 500

ENTRANCE DETAILS SCALE: 1/2 FULL SIZE

CEILING DETAILS AT TUNNEL SCALE: 1/2 FULL SIZE

SECTION THRU OVERHEAD DOOR

SECTION THRU 'COLUMN & BEAMS AT EXPANSION JOINT'

NUMBER TEN ARCHITECTURAL GROUP

APPROVED

DATE	ISSUE NO.	REV. NO.	DESCRIPTION
8.10.79	5		AS BUILT
9.5.77	4		GARAGE ADDITION - FOR TENDER
28.3.68	3	0	FOR CONSTRUCTION
19.1.68	2	0	FOR TENDER
20.10.67	1	0	FOR APPROVAL

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY

MISCELLANEOUS DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1150 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Weinman Rose + Simpson (1968) Limited
45 DONALD STREET, WINNIPEG, MANITOBA

APPROVED

DRAWING NO. D-2-63

SEE SHEET 209 FOR LINK

MAIN STORES R-101

CARPENTRY & MOTOR R-102

LOCKERS

LOCKER ROOM R-145

CORRIDOR R-150

SIGN SHOP R-141

POLE PAINTING R-140

PAINT STORAGE R-102

EXPANSION JOINT AT ROOF

EXPANSION JOINT AT ROOF

EXPANSION JOINT AT ROOF

SECURITY R.M. R-104

OFFICE R-105

WASH R.M. R-118

SEE ENLARGED PLAN BELOW

SHOP AREA #1 R-106

NOTE: ALL INTERIOR CONC PARTITIONS ON THIS FLR EXCEPT WHERE NOTED O.T.H.

(F) INDICATES 2HR FIRE SEPARATION

EXPANSION JOINT AT ROOF

SHOP AREA #2 R-113

NOTE: FOR DETAILS IN THIS AREA SEE SHT. 213

BATTERY CHARGE R-123

ELECT. TEST R-124

CONTROL JOINT AT EDGE

TIRE STORAGE R-110

SERVICE R-111

WASH R.M. R-112

FOR DETAILS IN THIS AREA SEE SHT. 212

ENGINE CRIB R-108

ELECT. R.M. R-109

EXPANSION JOINT AT EDGE

PAINT ROOM R-106

#1 R-155 #2 R-156 #3 R-157 #4 R-158

NOTE: ALL STEEL DOORS IN THE PAINT SHOP AREA TO BE RECESSED UP TO A HEIGHT OF 5'-0"

MECH RM R-154

LOUVRES OVER MECH. EQUIP.

SLOPING CURB SEE DET.

STOP R-116-A

WARNING SIGNALS @ 8'-6" ABOVE FLOOR

2'-0" CONC. REST WALL

MAIN HOIST BAY R-127

NOTE: AUTOMATIC WARNING SIGNALS

SLIDING CONTROL JOINT AT EDGE

EXPANSION JOINT AT REF

SLIDING CONTROL JOINT AT EDGE

EXPANSION JOINT AT EDGE

SLIDING CONTROL JOINT AT EDGE

ACCESS DOOR R-115

STOP R-116-A

MECH R-119

WASH R.M. R-118

CONC. RETAINING WALL

CONC. SLOPE SEE DET.

LINE OF PRECAST CONC. PANEL OVER

FOR SHIP LADDER SEE 6A 208

REMOVABLE RAILING (4" SQ. PIPE)

CONC. BLK. PARTITION

TILT-UP PANELS SEE DET.

TOP OF FLOOR EL. 100'-0"

OVERHAUL AND REPAIR SHOP FLOOR PLAN SCALE: 1/8"=1'-0"

ELEVATIONS - OIL STORAGE SCALE 1/8"=1'-0"

TOP OF CONC. WALL ELEV. 134'-6"

TOP OF ROOF SLAB HIGH PT. ELEV. 127'-0"

TOP OF CONC. ROOF SLAB LOW PT. ELEV. 126'-11½"

TOP OF CONC. WALL ELEV. 134'-0"

TOP OF INTER. WALL ELEV. 117'-6"

MAIN FLOOR ELEV. 100'-0"

4" CONCRETE

WINDOW TYPE (B)

WASH ROOM

MECHANICAL STORAGE

8" CONC. BLOCK

PRE-CAST PANEL

OUTLINE OF TRUCK

EQ.

BQ.

MECH. R.M.

SECTION AT SERVICE PROJECTION

SCALE 1/4"=1'-0"

MET. LATH & PERLITE PLASTER AS SPEC.

8" CONC BLK

COLUMN AT FIRE WALL

FILL CHANNEL WITH MORTAR

JAMB AT DYNAMOMETER RM

8" CONC BLK 12" CONC BLK FILLED WITH CONC.

INTERSECTION AT 2½" ANCHOR BR. RM & DE-GREASING AREA

4" CONC BLK PAINT AS SPEC 1" AIR SPACE VAPOUR BAR AS SPEC 2" STYROFOAM INSULATION

8" CONC BLK

LINE OF BEAM OVER

EXTERIOR WALL AT DE-GREASING AREA

LINE OF SLAB OVER

8" CONC. BLK.

EXT. WALL AT EAST SIDE OF MAIN HOIST BAY

TILT-UP PANELS SEE DET.

TYPICAL TILT-UP PANEL CORNER

LOUVRE FOR OVERHEAD DOOR DETAILS SEE SHEET 212

PLAN DETAILS SCALE 3/4"=1'-0"

DRAINING CONNECTION

OTTAWA R-130

4" CONC

MECHANICAL R.M. R-129

MEN'S ROOM AS SPEC

MAIN ROOM

12" CONC. WALL

OPEN

LOWER FLOOR

MAIN FLOOR

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
G.5.68	4	2	REV. TO R.M. R-112 & ADDITION & RELOCATION OF VARIOUS DOORS	D.A.C.
29.3.68	3	1	REVISED PER ADD'M #2 FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

OVERHAUL & REPAIR SHOP

FLOOR PLAN & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1109 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross + Blankstein Coop Gilmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY D.A.C.
CHECKED
FILE No.
SHEET No.
DATE 15.12.67
SCALE AS NOTED
DRAWING No. 2185-208
ARCHITECTURAL

WAYS & STREETS FACILITIES BUILDING PLAN

SCALE: 1/16" = 1'-0"

NOTE:
ALL INTERIOR CONC BLOCK PARTITIONS ON THIS PLAN ARE 8" THICK EXCEPT WHERE NOTED OTHERWISE

C.B. PARTITIONS SHALL EXTEND TO UNDERSIDE OF STEEL DECK

(F) INDICATES FIRE SEPARATION

WALL SECTIONS & PLAN DETAILS

SCALE: 3/4" = 1'-0"

PLAN OF EXTERIOR LOADING DOCK

SCALE: 1/4" = 1'-0"

WALL SECTIONS

SCALE: 3/4" = 1'-0"

ELEVATION (22/209) EXTERIOR LOADING DOCK

SCALE: 1/4" = 1'-0"

SECT (23/209) THRU FAT LOADING DOCK

SCALE: 1/4" = 1'-0"

SECT (24/209) THRU STAIRS

SCALE: 1/4" = 1'-0"

DETAIL (25/209) LOADING DOCK BUMPER

SCALE: 1/2" = 1'-0"

SECT (26/209) THRU SOUTH ENTRANCE TO LUNCH RM.

SCALE: 1/4" = 1'-0"

EXPANSION JOINT AT LINK ROOF

(27/209)

SCALE: 1/8 FULL SIZE

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
15.12.67	4	2	ADDED ADDN'S 1-175-0, 1-192-A	D.A.C.
29.7.68	3	1	REVISED PER ADDN'S 3 FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

WAYS & STREETS FACILITIES BUILDING

FLOOR PLAN & DETAILS

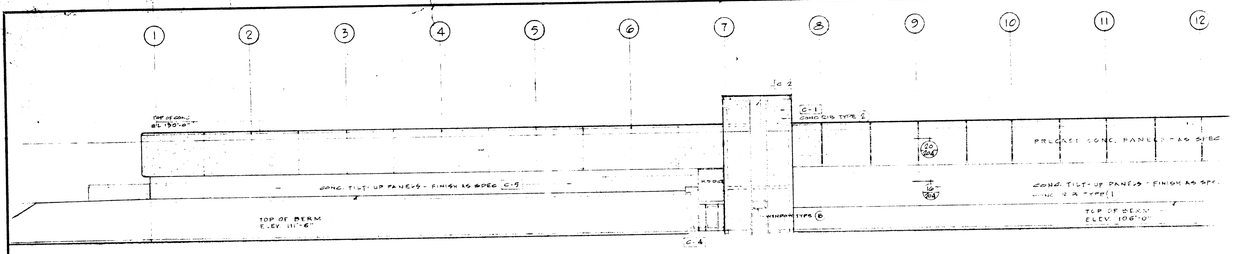
CONSULTING PROFESSIONAL ENGINEERS
A. D. MARJISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

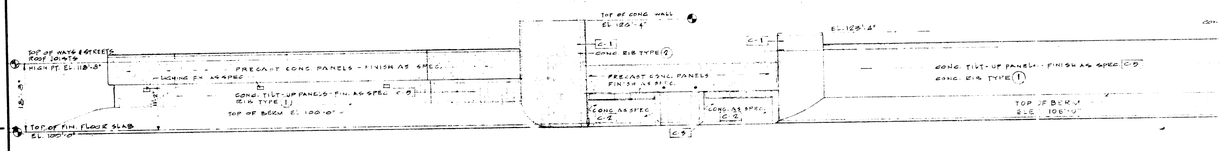
APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY D.A.C. | DATE 15.12.67
CHECKED | SCALE AS NOTED
FILE No. | DRAWING No. 2185 – 209 ARCHITECTURAL
SHEET No.

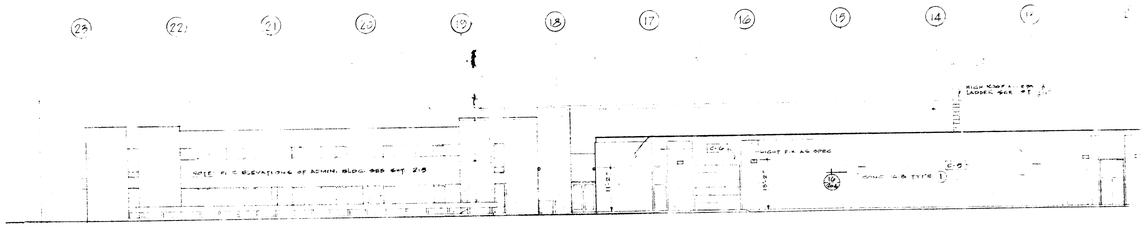
R-14
FILE
RETURN TO CITY PROPERTIES BUILDING INVENTORY.
2 91 1



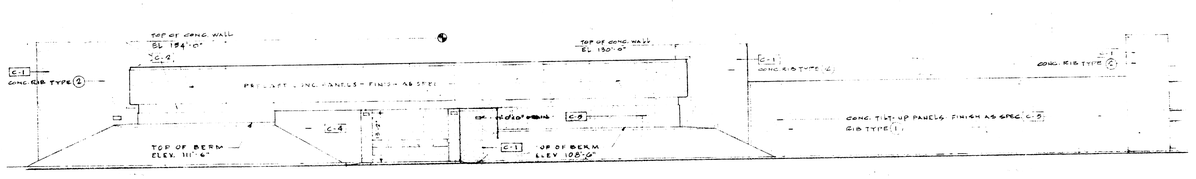
1/210 SOUTH ELEVATION



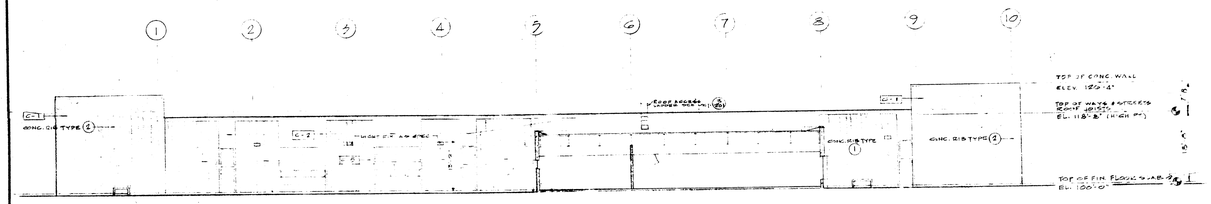
2/210 WEST ELEVATION



3/210 NORTH ELEVATION



4/210 EAST ELEVATION



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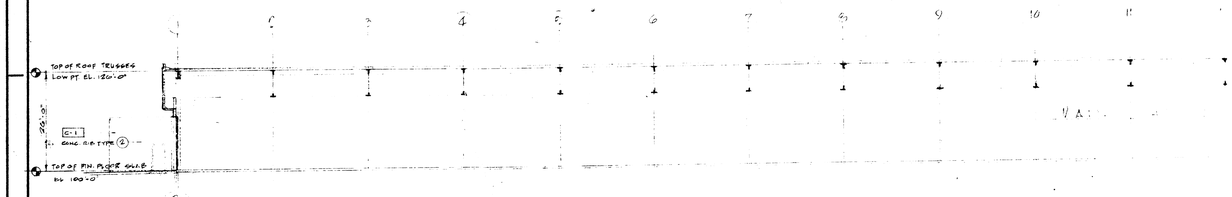
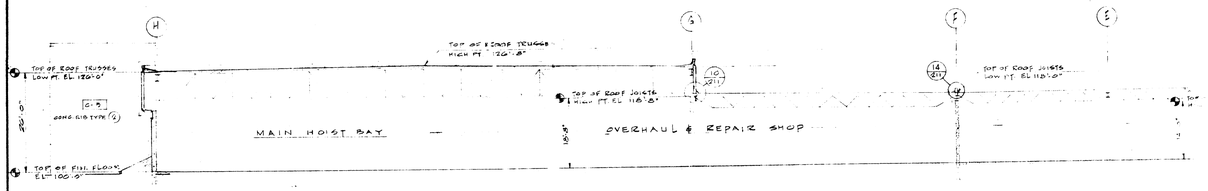
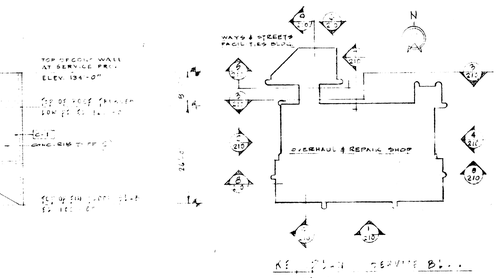


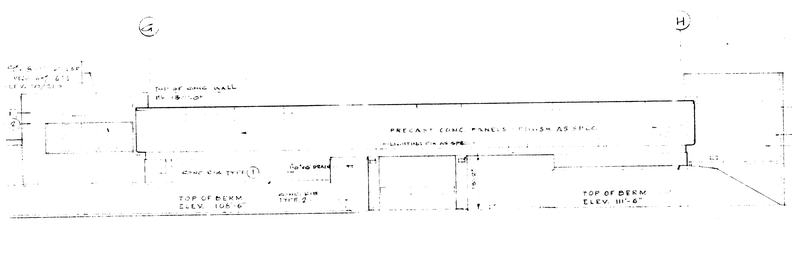
6/210 BUILDING SECTION

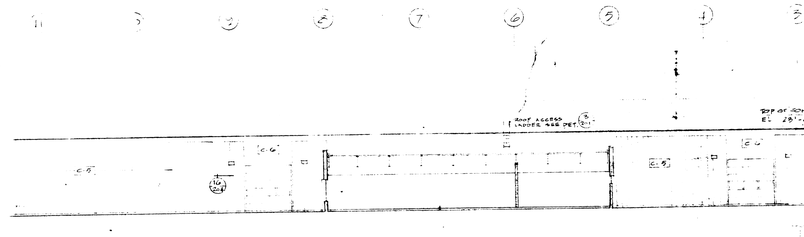


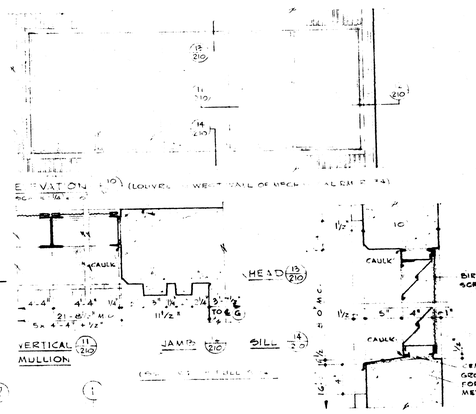
9/210 BUILDING SECTION

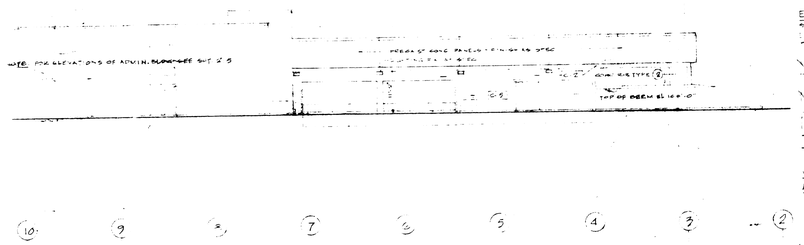
SCALE :



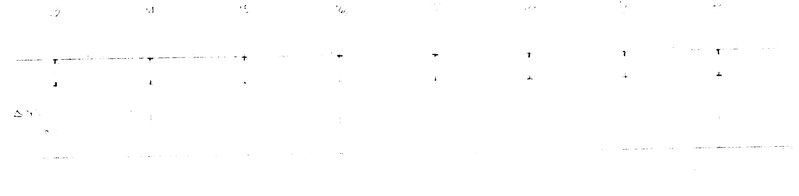


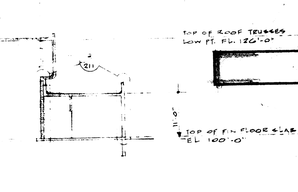






7/210 EAST ELEVATION





DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
24.3.68	3	8	FOR CONSTRUCTION	
19.1.68	2	6	FOR TENDER	
22.12.67	1	6	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

OVERHAUL & REPAIR SHOP, WAYS & STREETS FACILITIES BUILDING

ELEVATIONS & BUILDING SECTIONS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

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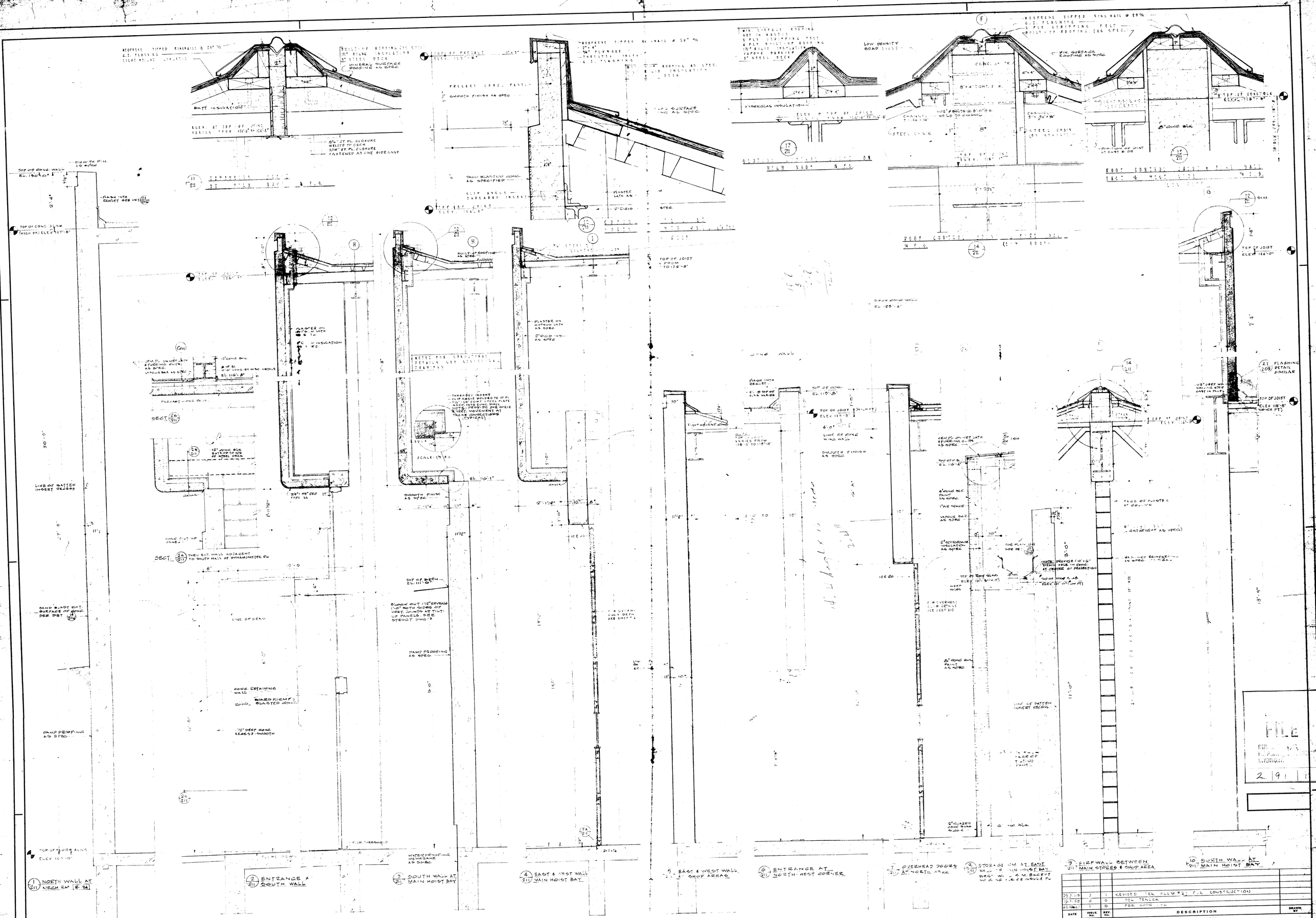
CHECKED
FILE No.
SHEET No.

DATE 15.12.67
SCALE AS NOTED

DRAWING No. 2185-210
ARCHITECTURAL



DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
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19.1.68	2	0	FOR TENDER	
25.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

OVERHAUL & REPAIR SHOP

WALL SECTIONS & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

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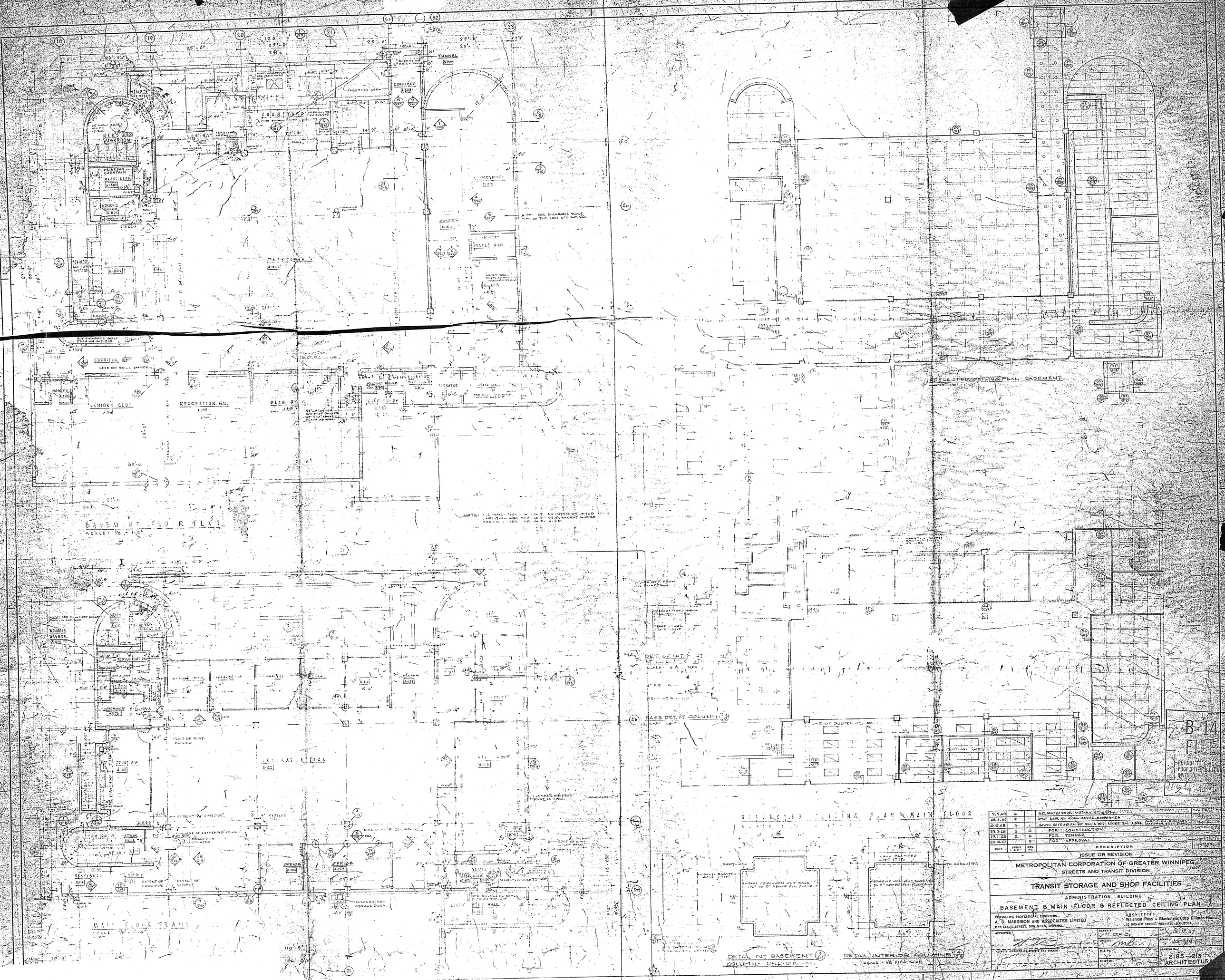
DRAWN BY	D.A.G.	DATE	15.12.67
CHECKED		SCALE	AS NOTED
FILE No.		DRAWING No.	2185-211 ARCHITECTURAL
SHEET No.			



DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
9.5.69	6		RELOCATED DOOR A-117-A, NO. A-117-A	
28.4.69	5		OMIT ROOM NO. A-126 - REVISE ROOM A-124	
6.5.68	4	1	SOUTH EXTENSION OF RM. A-817 ADDED RM. A-824	
29.3.68	3	0	FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

BASEMENT & MAIN FLOOR & REFLECTED CEILING PLAN

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

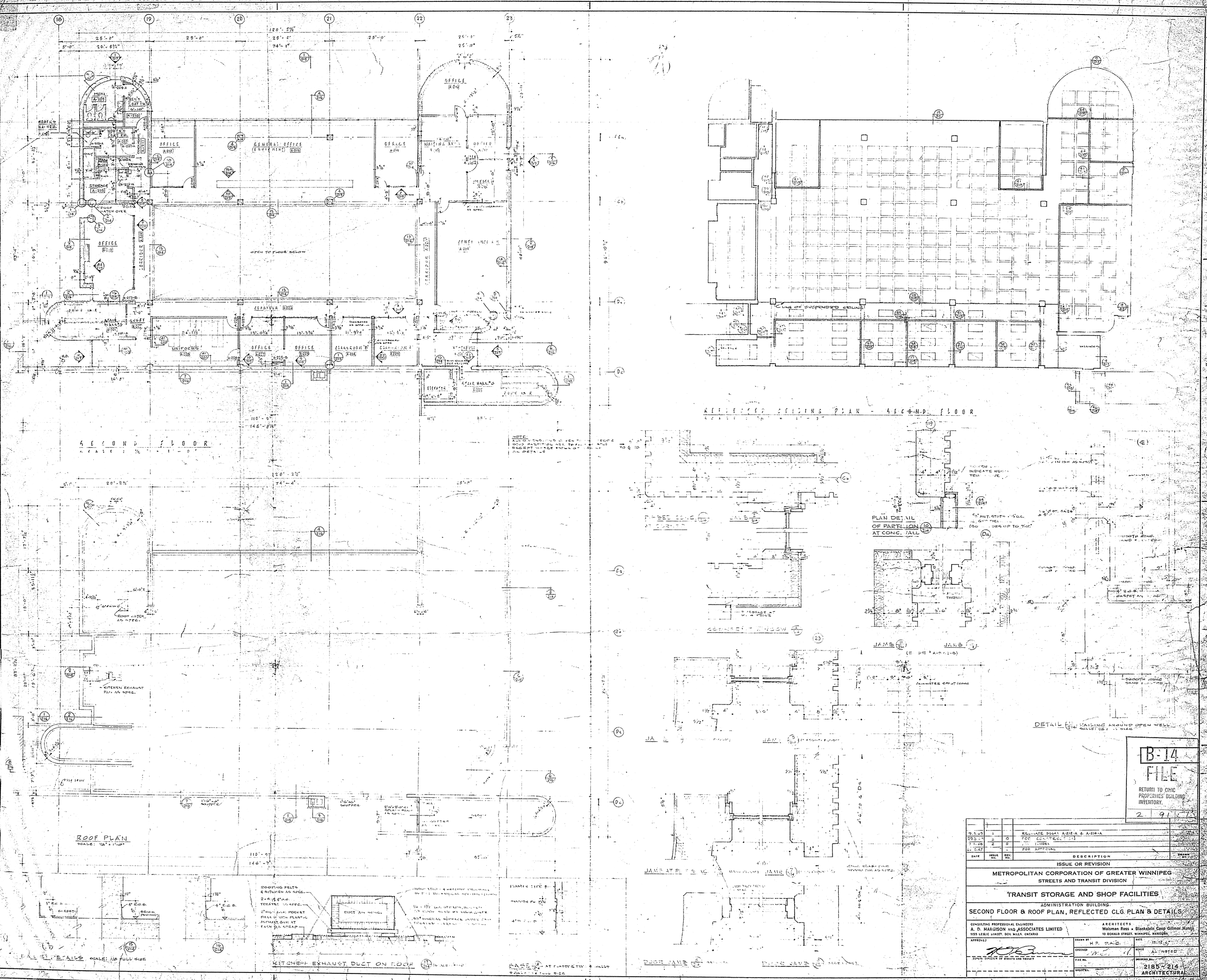
ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

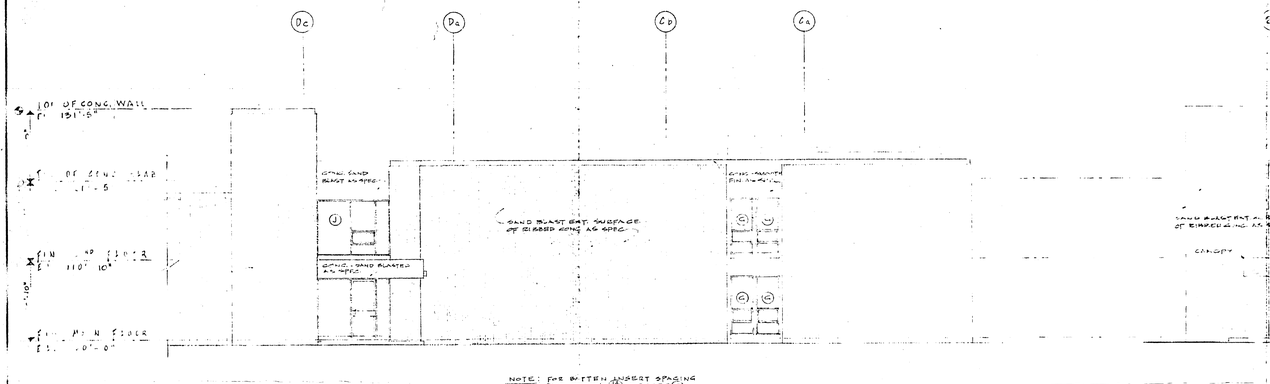
APPROVED

DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: D.A.C.
CHECKED: M.B.
FILE No.
SHEET No.

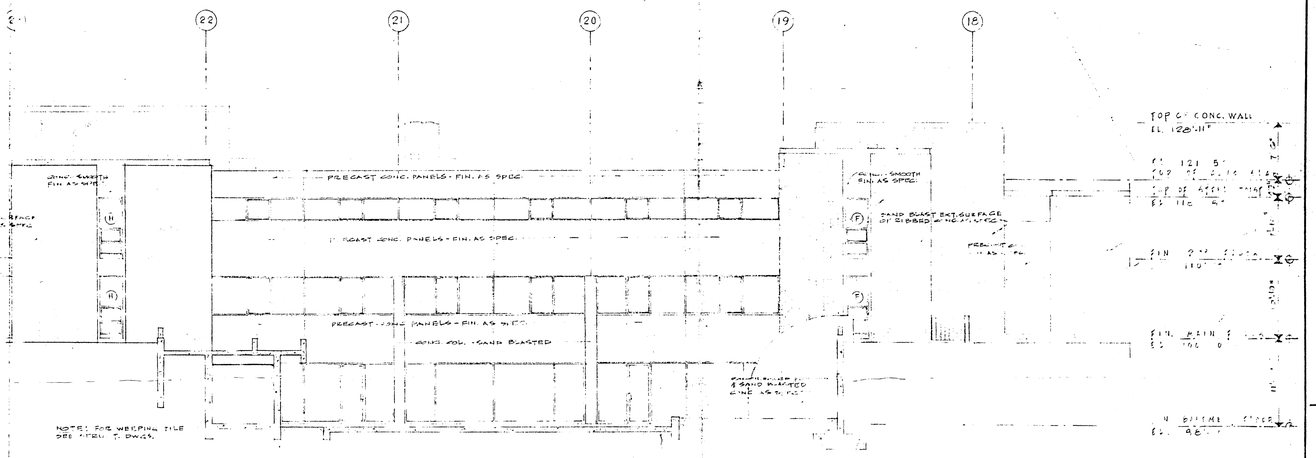
DATE: 15.12.67
SCALE: AS NOTED
DRAWING No.: 2185-213 ARCHITECTURAL


SECOND FLOOR
REFLECTED CEILING PLAN - SECOND FLOOR
ROOF PLAN
KITCHEN EXHAUST DUCT ON ROOF
PLAN DETAIL OF PARTITION AT CONC. WALL
DETAIL
B-14
FILE
RETURN TO CIVIC PROPERTIES BUILDING INVENTORY.
2 91
DATE
ISSUE NO.
REV. NO.
DESCRIPTION
DRAWN BY
ISSUE OR REVISION
METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION
TRANSIT STORAGE AND SHOP FACILITIES
ADMINISTRATION BUILDING.
SECOND FLOOR & ROOF PLAN, REFLECTED CLG. PLAN & DETAILS
CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO
ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA
APPROVED
DRAWN BY
H.P. R.A.C.
DATE
15.12.67
CHECKED
SCALE
AS NOTED
FILE NO.
DRAWING NO.
2185-214
ARCHITECTURAL



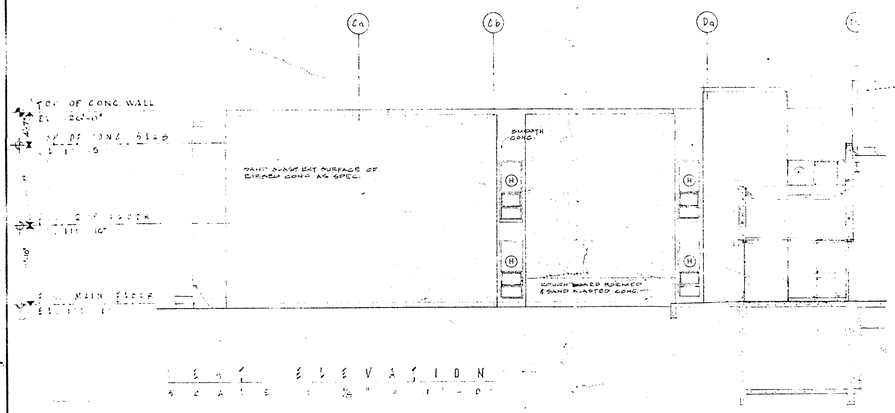
EAST ELEVATION

SCALE: 1/8" = 1'-0"



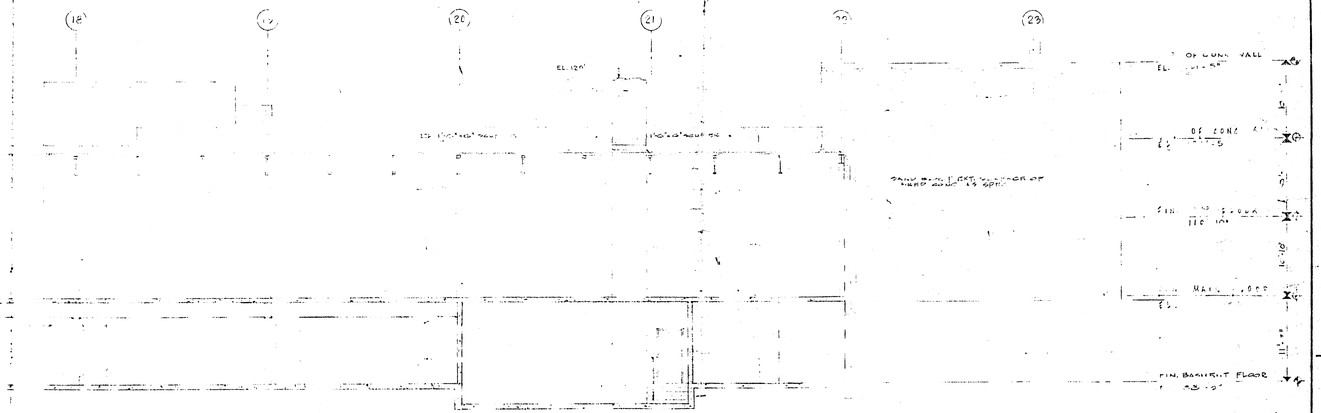
NORTH ELEVATION

SCALE: 1/8" = 1'-0"



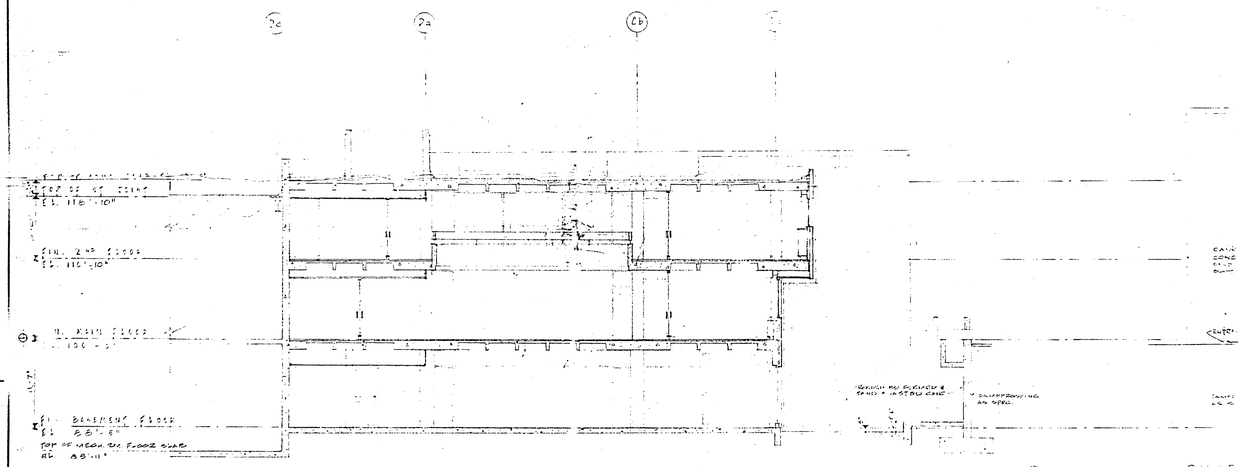
EAST ELEVATION

SCALE: 1/8" = 1'-0"



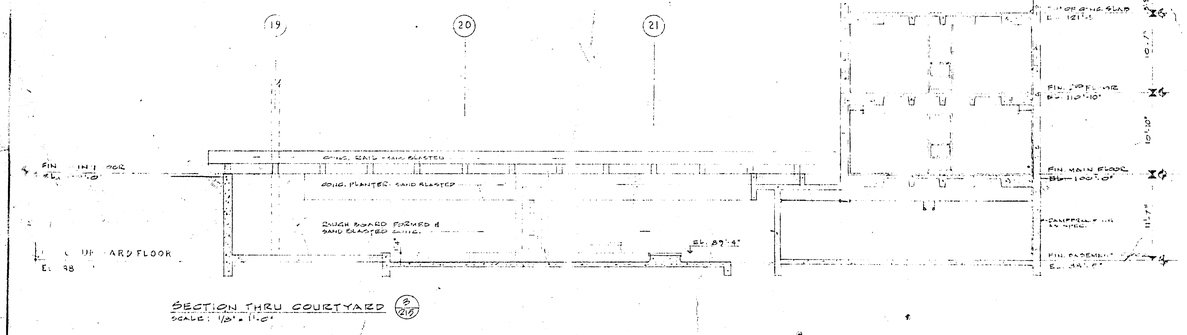
SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



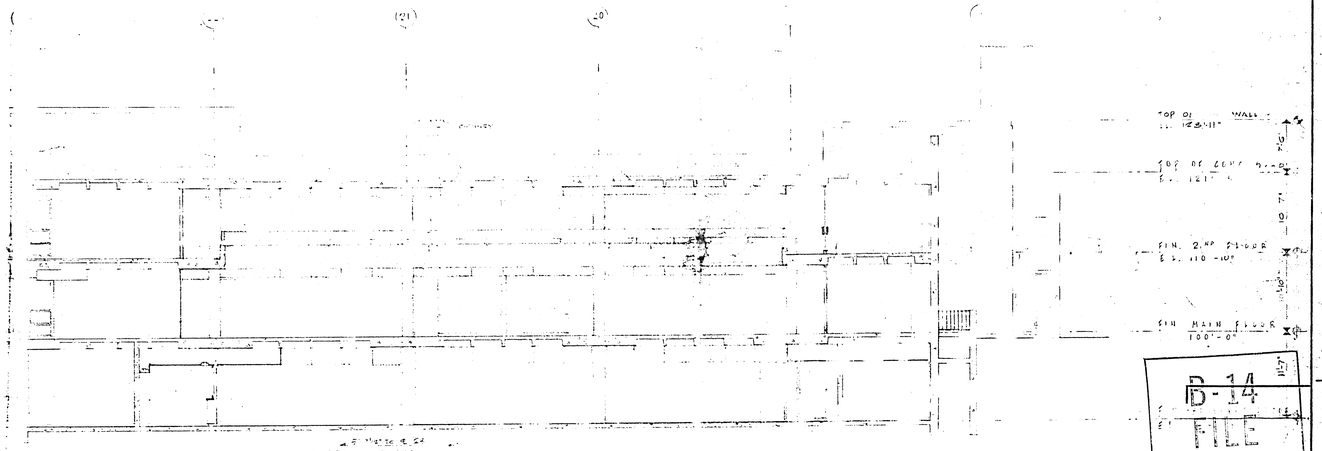
BUILDING SECTION

SCALE: 1/8" = 1'-0"

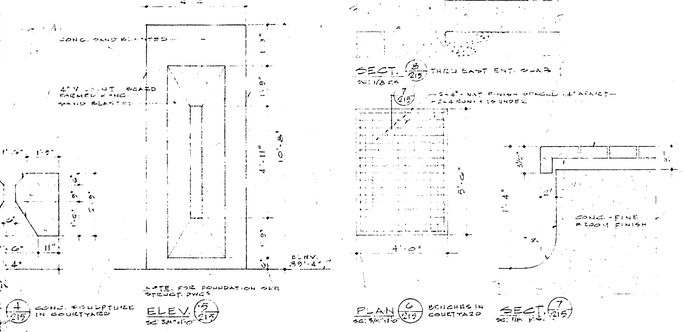


SECTION THRU COURTYARD (2/215)

SCALE: 1/8" = 1'-0"



SECTION (1/215)



SECTION (3/215) ELEVATION (2/215) PLAN (6/217) SECTION (7/215)

NOTE FOR FOUNDATION SEE STRUCT. DWGS.

BRICKS IN COURTYARD

CONC. SCULPTURE IN COURTYARD

D-14

FILE

RETURN TO CIVIC PROPERTIES BUILDING INVENTORY.

2 91 1.

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
			ISSUE OR REVISION	
[illegible]	S		FOR CONSTRUCTION	
[illegible]	T		FOR TENDER	
15.12.67		C	FOR APPROVAL	

METROPOLITAN CORPORATION OF GREATER WINNIPEG

STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

ELEVATIONS & BUILDING SECTIONS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED

DIRECTOR OF STREETS AND TRANSIT

DRAWN BY	D.A.C
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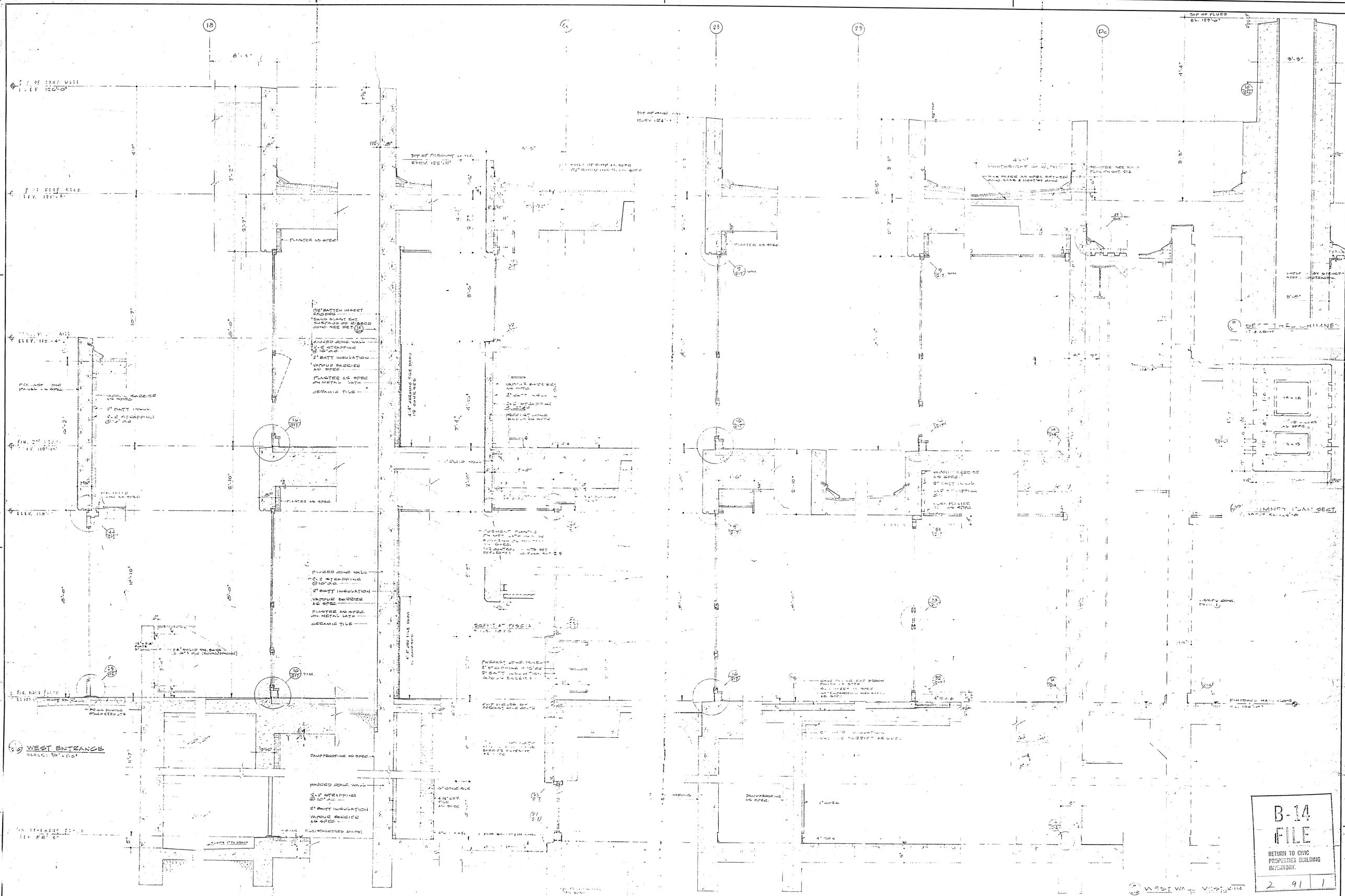
FILE No.	
SHEET No.	
DATE	15.12.67
SCALE	AS NOTED
DRAWING No.	2185 - 215 ARCHITECTURAL



B-14
FILE
RETURN TO CIVIC PROPERTIES BUILDING INVENTORY.
2 91 1

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
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[illegible]	2	0	FOR TENDER	
26.12.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

WALL SECTIONS & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 [illegible] STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

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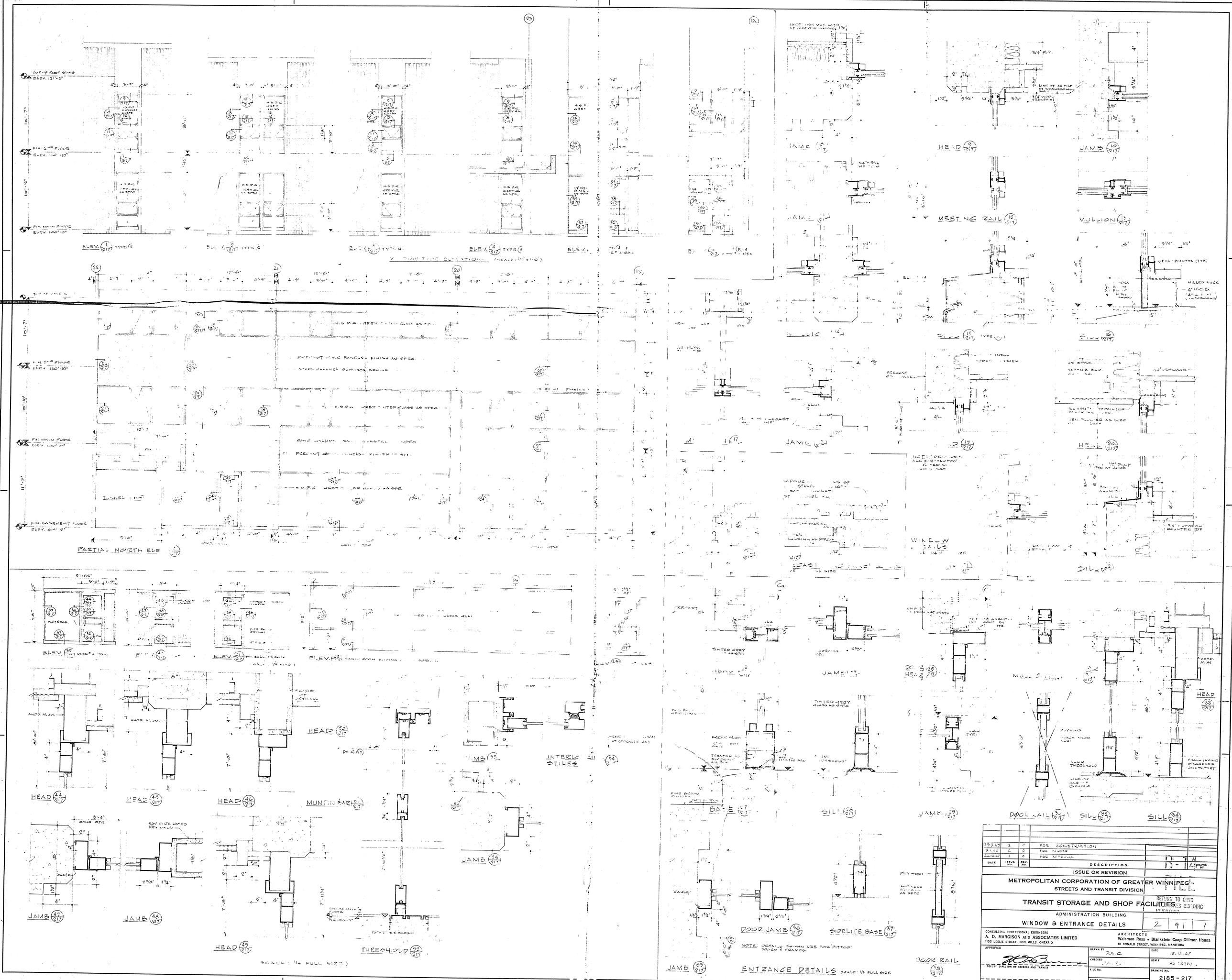
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: D.A.G.
CHECKED:
FILE No.:
SHEET No.:
DATE: [illegible].12.67
SCALE: AS NOTED
DRAWING No.: 2185-216 ARCHITECTURAL



DATE	ISSUE NO.	REV. NO.	DESCRIPTION
29.3.65	3	0	FOR CONSTRUCTION
19.1.65	2	0	FOR TENDER
22.10.67	1	0	FOR APPROVAL

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

WINDOW & ENTRANCE DETAILS

2 91 1

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
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DEPUTY DIRECTOR OF STREETS AND TRANSIT

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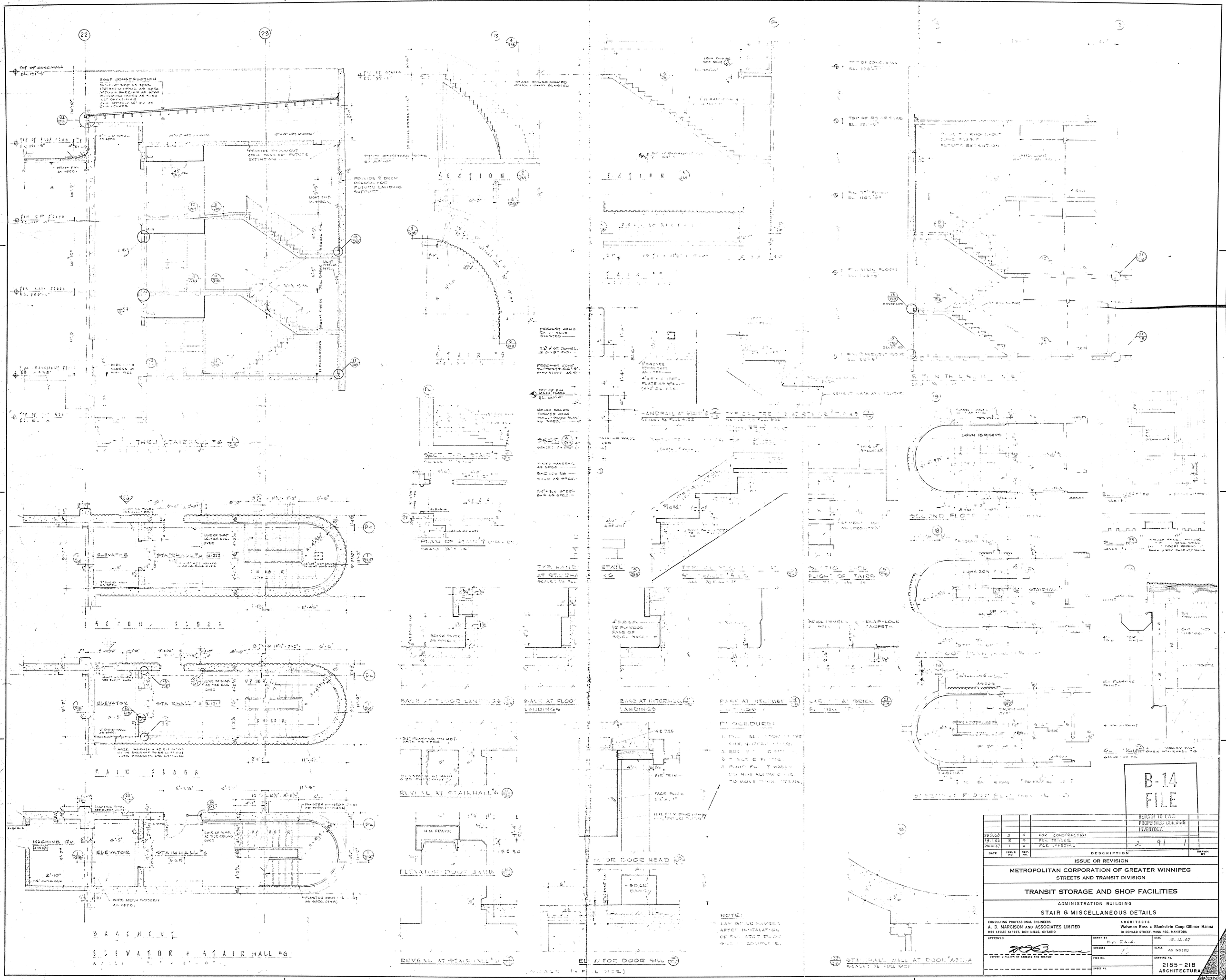
CHECKED
FILE NO.
SHEET NO.
DATE 15.12.67
SCALE AS NOTED
DRAWING NO. 2185-217 ARCHITECTURAL



B-14
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RETURN TO CMS
PROPERTIES BUILDING
INVENTORY.

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
29.3.68	3	0	FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

2 91 1

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

STAIR & MISCELLANEOUS DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY H.P. D.A.S.
CHECKED
FILE No.
SHEET No.
DATE 15.12.67
SCALE AS NOTED
DRAWING No. 2185-218 ARCHITECTURAL

INTERIOR ELEVATIONS

SCALE: 1/4" = 1'-0"

ELEV. 1 (2197) ROOF BASE A-B05 TROPHY & SOUTH WALL

ELEV. 2 (2197) SECTION A-A7 WEST WALL

ELEV. 3 (2197) ON 1/4" A BIDA

ELEV. 9 (2197) ON 1/4" A CCESS

ELEV. 10 (2197) ON 1/4" A SEAM A SEAM

HEAD AT CEILING (11/2197)

LIGHTING FIXTURE (12/2197)

DIVIDER HEAD AT CEILING (13/2197)

HEAD AT CEILING (16/2197)

HEAD AT CEILING (17/2197)

DIVIDER SECTION (18/2197)

JOINT AT FASCIA (21/2197)

INTERIOR DETAILS

SCALE: 1/4 Full Size

JAMB (22/2197)

JAMB (23/2197)

JAMB (24/2197)

MEETING RAIL (25/2197)

JAMB (26/2197)

JAMB (27/2197)

FASCIA (28/2197)

CEILING DETAILS AT WEST WALL

TUNNEL HOOD (29/2197)

TUNNEL LIGHTING DETAIL (30/2197)

LIGHTING FIXTURE (31/2197)

HEAD (41/2197)

HEAD (42/2197)

HEAD (47/2197)

HEAD (48/2197)

RAIL (42/2197)

JAMB (43/2197)

JAMBS (44/2197)

HEAD (51/2197)

SILL (52/2197)

JAMB (53/2197)

MULLION (54/2197)

MULLION (60/2197)

ELEV. (61/2197) TROPHY CASE IN CENTRE LOBBY

PLAN (62/2197)

ELEV. (66/2197) PLANTER

ELEV. (67/2197) PLANTER

ELEV. (68/2197) PLANTER

ELEV. (69/2197) PLANTER

ELEV. (70/2197) PLANTER

ELEV. (71/2197) TROPHY CASE IN CENTRE LOBBY

PLAN (72/2197) SECT THRU TROPHY CASE

DETAIL (72/2197)

CORNER (72/2197)

GABLE (72/2197)

SECT (72/2197) TROPHY CASE

SECT (72/2197) PLANTER

SECT (72/2197) PLANTER

ELEV. (72/2197)

LIGHTING FIXTURE (73/2197)

SOFFIT (74/2197)

SOFFIT (75/2197)

SOFFIT (76/2197)

SOFFIT (77/2197)

SOFFIT (78/2197)

SOFFIT (79/2197)

SOFFIT (80/2197)

SOFFIT (81/2197)

SOFFIT (82/2197)

SOFFIT (83/2197)

SOFFIT (84/2197)

SOFFIT (85/2197)

SOFFIT (86/2197)

SOFFIT (87/2197)

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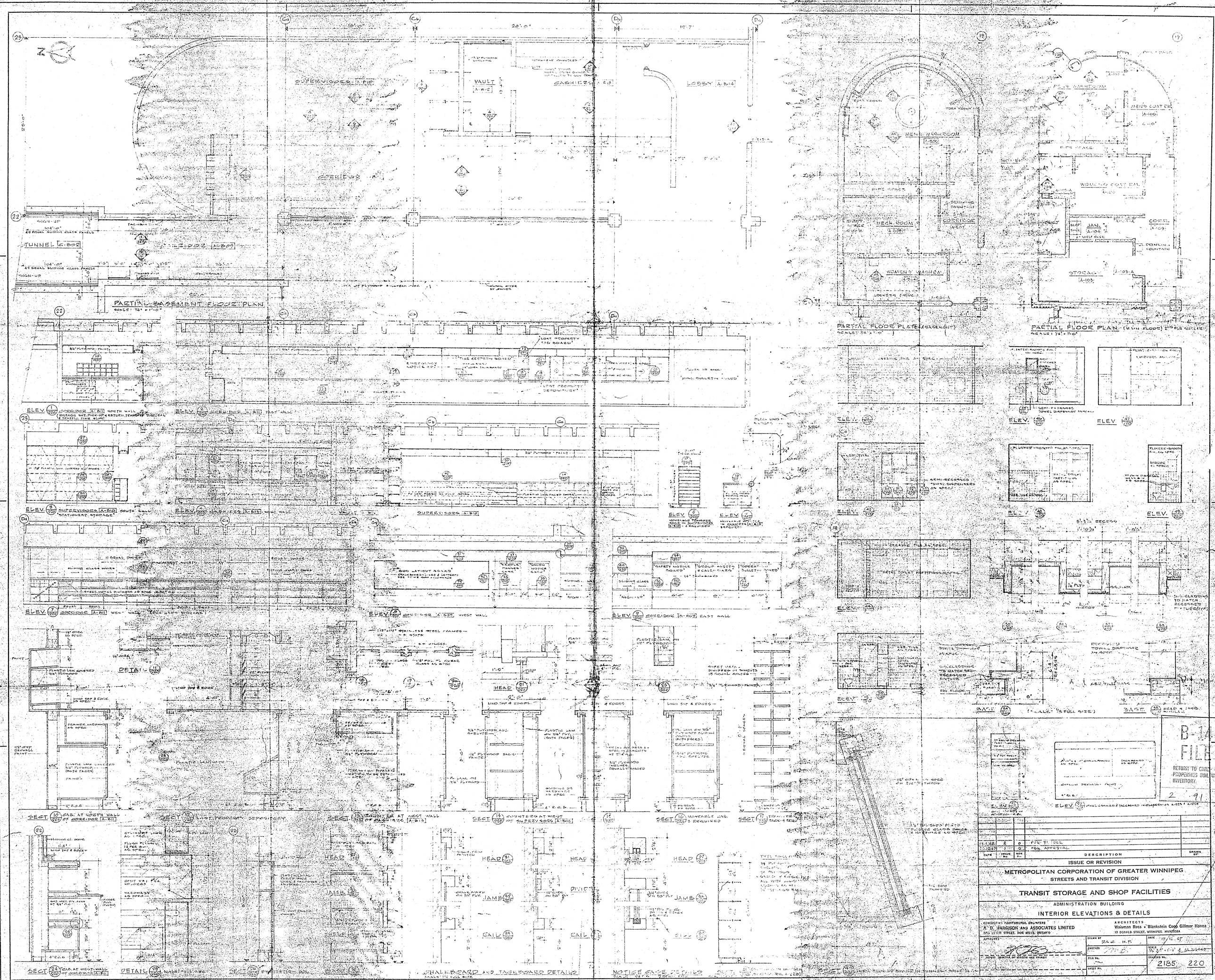
SOFFIT (92/2197)

SOFFIT



DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
14.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

ADMINISTRATION BUILDING

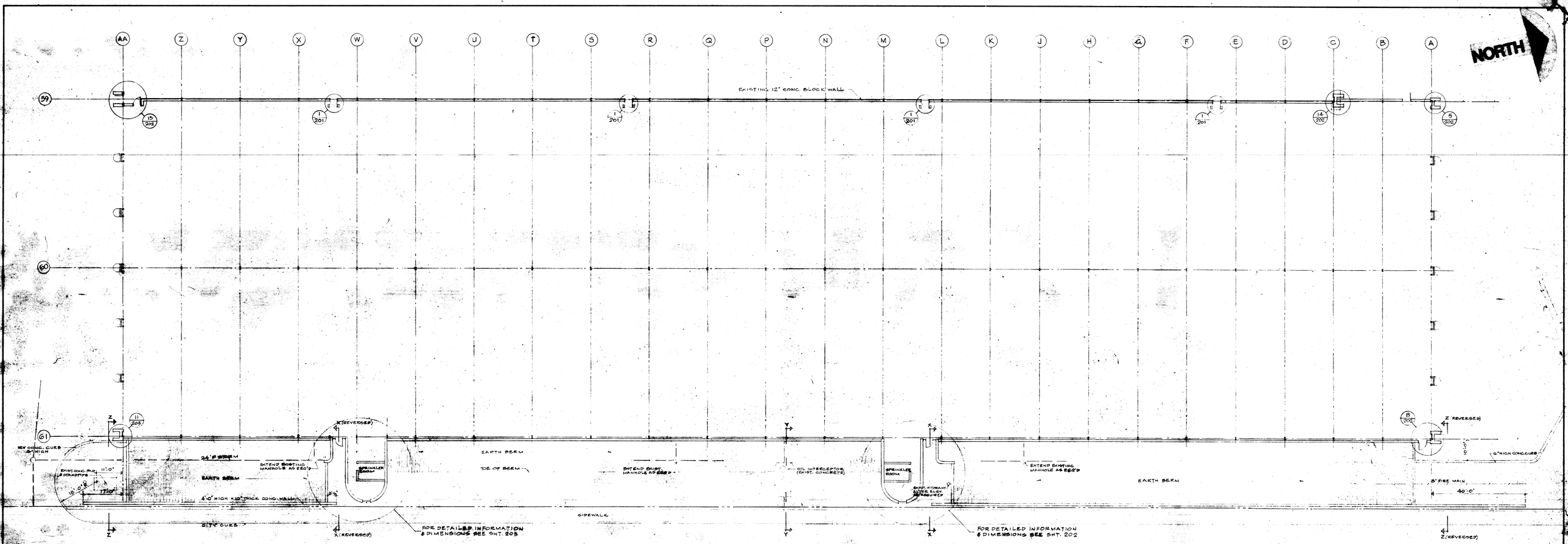
INTERIOR ELEVATIONS & DETAILS

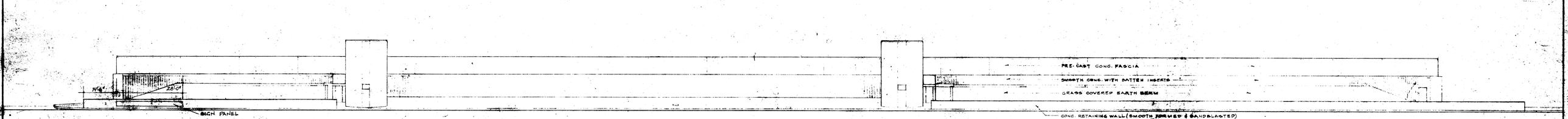
CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

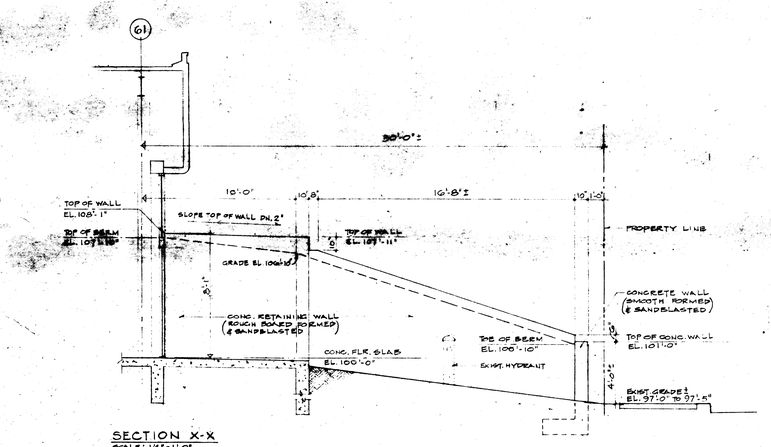
APPROVED: [signature]
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: J.A.C. H.P.
CHECKED: [signature]
FILE No.
SHEET No.
DATE: 15.12.67
SCALE: 1/4" = 1'-0" & AS NOTED
DRAWING No.: 2185 220

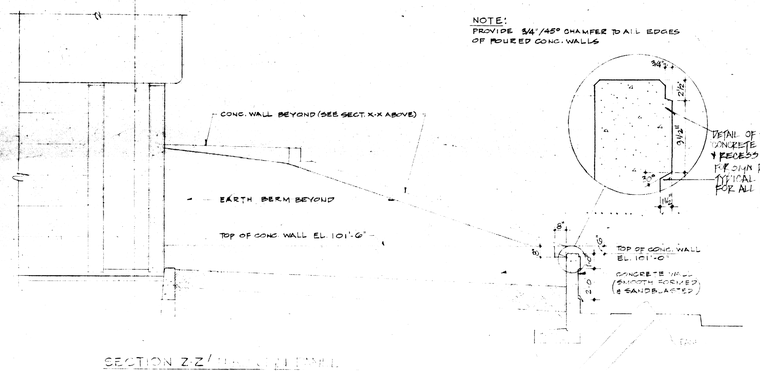




EAST ELEVATION (SEE ALSO EAST ELEV. 2/205)
SCALE: 1/16" = 1'-0"

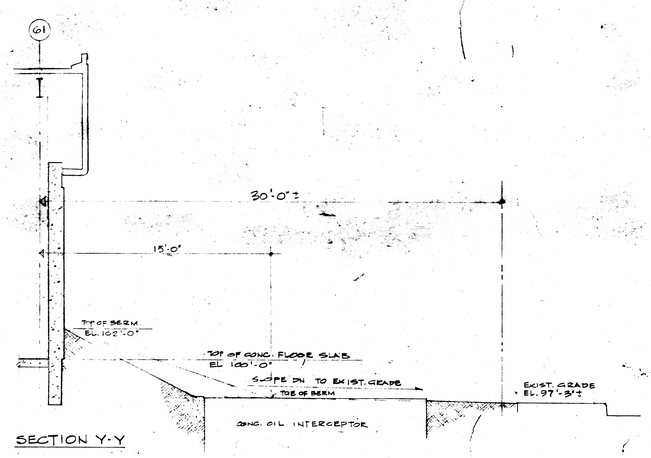


SECTION X-X
SCALE: 1/4" = 1'-0"

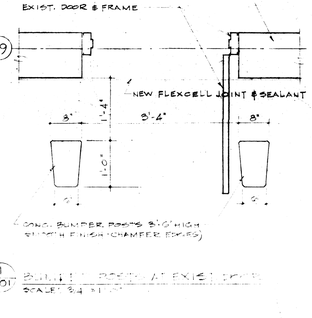


NOTE:
PROVIDE 3/4"/45° CHAMFER TO ALL EDGES OF ROUGHED CONC. WALLS

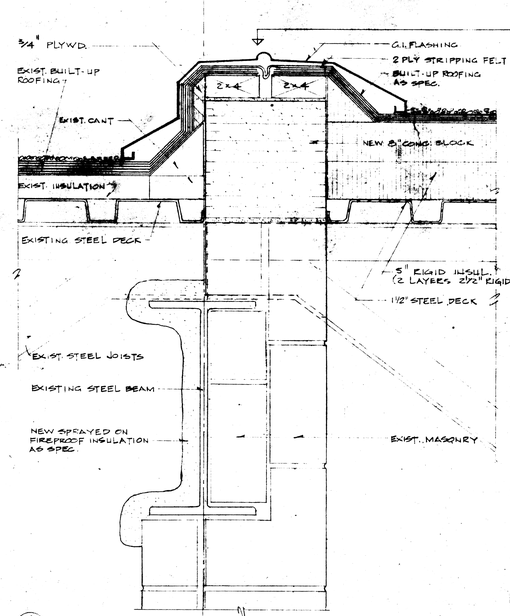
SECTION Z-Z (SIGN PANEL)



SECTION Y-Y



1/201 BUILT-UP ROOF AT EXIST. DOOR
SCALE: 3/4" = 1'-0"



2/207 NEW ROOF DETAIL AT EXISTING EAST WALL
SCALE: 1/4 FULL SIZE

NOTE:
EXISTING FLASHING, BLOCKING & TOP COURSE OF MASONRY TO BE REMOVED WITH EXISTING ROOFING STRIPPED BACK TO PERMIT NEW WORK AS SHOWN.

PROVINCE OF MANITOBA
BLANKSTEIN COSP
HANNA GROSS
ARCHITECTS
REGISTERED ARCHITECTS

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
OCT 3/77		3	AS BUILT	DG
OCT 1/77		2	LOCATION OF RECESSED SIGN PANEL IN CONCRETE RETAINING WALL	J.W.
NOV. 1977	1	1	BERM & RET. WALL AT SECT. X-X, BEAM AT SECT. Y-Y	D.G.

ISSUE OR REVISION

THE CITY OF WINNIPEG
WINNIPEG MANITOBA

TRANSIT STORAGE GARAGE ADDITION

MISCELLANEOUS DETAILS

A. D. MARGISON AND ASSOCIATES
CONSULTING PROFESSIONAL ENGINEERS
302-1320 YONGE ST. TORONTO, ONTARIO

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS AND PLANNERS
210-175 HARGRAVE ST. WINNIPEG, MANITOBA

APPROVED

DRAWN BY
CHECKED
FILE No.
DATE 9.5.77
SCALE AS NOTED
DRAWING No. 2615-201
ARCHITECTURAL

SEE SPECIFICATIONS

RUBBLE MASONRY WALL DETAIL 1/200

(SEE LANDSCAPING GENERAL / SEE PRIME AGR ASSURANCE)

TYPICAL RAISED CONCRETE CURB TYPE 'C' 4/200

UNDISTURBED GROUND

TYP. OF EACH PARKING SPACE

SECTION THRU NORTH PARKING AREA 5/200

DETAIL AT OFFICE PARKING AREA 6/200

PLAN 7/200

EXISTING BUILDING

NEW ADDITION IN CONTRACT

CONTRACTOR'S YARD

SHT. A-2

SEE SECT. X-X ON SHT. 22.1

SECT. B-B

SEE SECT Y-Y ON SHT. 22.1

SECT. F-F

SECTIONS THRU SERVICE

NOTE: FOR REFERENCE TO CITY DATUM & EXISTING ELEVATIONS SEE SITE SERVICE DRAWING No. 61-80-109

DEVELOPMENT PLAN WITH PROPOSED AND EXISTING STRUCTURES
SCALE: 1" = 50'-0" (GROUNDED TO DECK SHT) ALLOWANCE

BRANDON AVE.

SECT. G-G

SECTIONS THRU SERVICE SCALE: 1"=10'-0"

SECT. H-H

SECT. J-J

SECT. K-K

NUMBER TEN ARCHITECTURAL GROUP

A. D. MARGISON ASSOCIATES LTD.
CONSULTING ENGINEERS
SUITE 305—1200 YONGE STREET
TORONTO, ONTARIO M4T 1X2

PROVINCE OF MANITOBA — REGISTERED ARCHITECTS

NOTE

AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF TRANSIT ADDITION DATED: 9.5.77 AS BUILT

DATE	ISSUE No.	REV. No.	DESCRIPTION
5.10.79	7	J	CURB LOCATION AT NORTH-EAST CORNER
6.9.77	6	I	GARAGE ADDITION - FOR TENDER
9.5.77	5	H	LANDSCAPE DATA: EAST AREA REMOVED
28.4.76	4	G	FOR CONSTRUCTION
25.2.76	3	G	FOR TENDER
13.1.76	2	G	FOR APPROVAL
20.10.67	1	G	ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

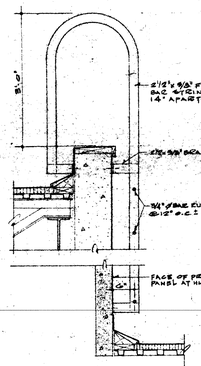
DEVELOPMENT PLAN & MISCELLANEOUS DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1186 LESLIE STREET, DON MILLS, ONTARIO

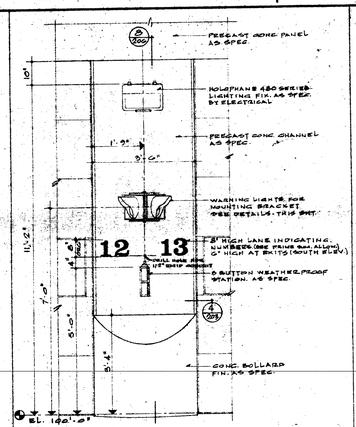
ARCHITECTS
Waisman Ross / Bluestein Coop
80 DONALD STREET, WINNIPEG, MANITOBA

APPROVED

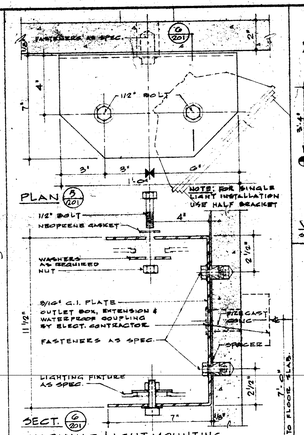
DRAWN BY: D.W.C.
CHECKED:
DATE: 15.12.67
SCALE: AS NOTED
DRAWING No.



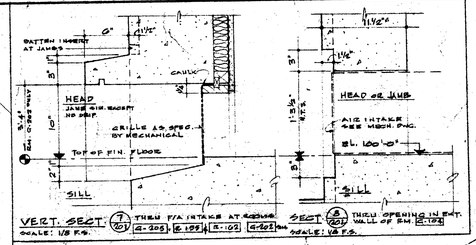
9/201 SECT. THRU ROOF ACCESS LADDER
SCALE: 3/4" = 1'-0"



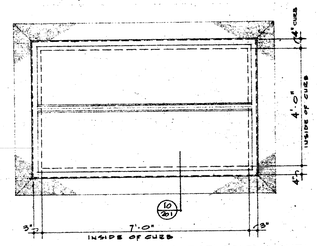
4/201 ELEV. OF PRECAST CONC. CHANNEL
SCALE: 1/2" = 1'-0"



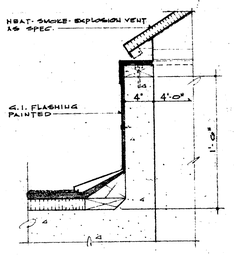
SECT. WARNING LIGHT MOUNTING BRACKET DETAILS
SCALE: 1/8 F.S.



VERT. SECT. 7/201 THRU F/A INTAKE AT GRILLE 2-205 E-105 E-102 G-205
SECT. 8/201 THRU OPENING IN EXT. WALL OF SHT. E-105
SCALE: 1/8 F.S.

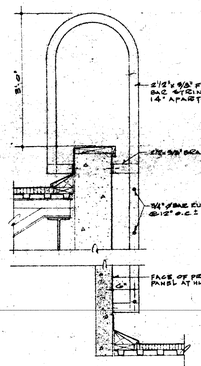


9/201 PLAN OF HEAT-SMOKE-EXPLOSION VENT ON ROOF OVER METER & BLENDING RM. E-104 AS REQUIRED
SCALE: 1/2" = 1'-0"

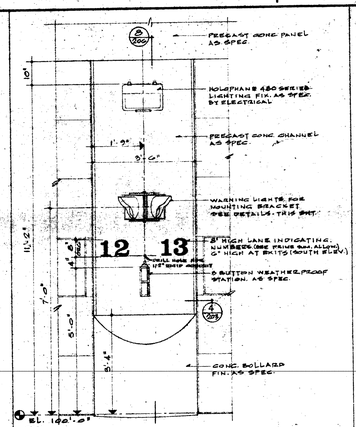


10/201 SECT. THRU VENT
SCALE: 1/8 FULL SIZE.

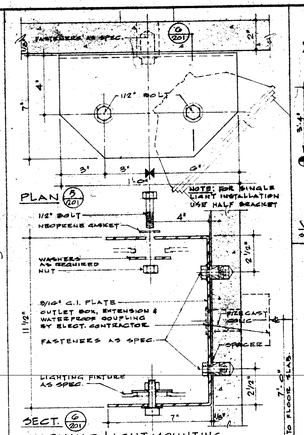
NOT IN CONTRACT SEE SPECIFICATIONS
PROPERTY LINE
TOP OF CONC. ROOF SLAB HIGH PT. EL. 119'-0"
ROOF SCUTTLE AS SPEC. 22/201
SEE DET. 1/201
TOP OF CONC. ROOF SLAB LOW PT. EL. 118'-10"
TOP OF CONC. ROOF SLAB HIGH PT. EL. 119'-0"



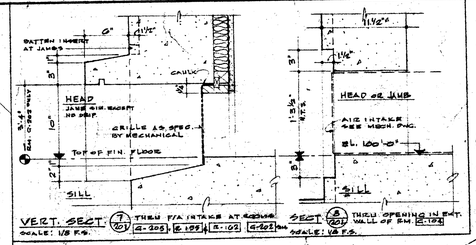
9/201 SECT. THRU ROOF ACCESS LADDER
SCALE: 3/4" = 1'-0"



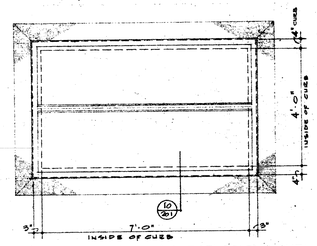
4/201 ELEV. OF PRECAST CONC. CHANNEL
SCALE: 1/2" = 1'-0"



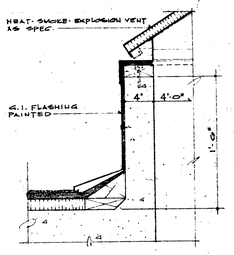
SECT. WARNING LIGHT MOUNTING BRACKET DETAILS
SCALE: 1/8 F.S.



VERT. SECT. 7/201 THRU F/A INTAKE AT GRILLE 2-205 E-105 E-102 G-205
SECT. 8/201 THRU OPENING IN EXT. WALL OF SHT. E-105
SCALE: 1/8 F.S.



9/201 PLAN OF HEAT-SMOKE-EXPLOSION VENT ON ROOF OVER METER & BLENDING RM. E-104 AS REQUIRED
SCALE: 1/2" = 1'-0"



10/201 SECT. THRU VENT
SCALE: 1/8 FULL SIZE.

NOT IN CONTRACT SEE SPECIFICATIONS
PROPERTY LINE
TOP OF CONC. ROOF SLAB HIGH PT. EL. 119'-0"
ROOF SCUTTLE AS SPEC. 22/201
SEE DET. 1/201
TOP OF CONC. ROOF SLAB LOW PT. EL. 118'-10"
TOP OF CONC. ROOF SLAB HIGH PT. EL. 119'-0"

EXISTING BUILDING

NEW ADDITION
SEE SPECIFICATIONS

NEW CONC. CURB

EXIST. CONC. CURB TO REMAIN

REMOVE EXIST. CONC. CURB

NEW CONC. CURB

NEW CONC. WALL IN THE GARAGE ADDITION CONTRACT

1/2" O.P. PAINT
2x4 STRAPPING @ 24" O.C.
3" RIGID INSULATION

NEW PRECAST CONC. FASCIA PANELS START HERE

REMOVE EXIST. PRECAST CONC. CORNER PANELS ABOVE

REMOVE EXIST. PRECAST CONC. CORNER PANEL
REMOVE FLASHING TO COURSE OF MASONRY - SEE DET. 2 on A-201

TOP OF MAIN ROOF JOISTS
ELEV. 113'-8" (HIGH POINT)

PRECAST CONC. PANEL AS SPEC

PRECAST CONC. PANELS AS SPEC

PROVIDE NEW C.B. LINTEL

CONC. BLOCK

NEW H.M. DOOR & FRAME

CONC. COL.

TOP OF GARAGE FLOOR SLAB
ELEV. 100'-0"

PRECAST CONC. PANEL JOINT

N.E. CORNER (14/202)
SCALE: 1/4" = 1'-0"

EXISTING WALL

LINE OF PRECAST CONC. FASCIA PANEL OVER

LINE OF JOIST OVER AND 12" CONC. BLK

EXISTING CMSHA 12" CONC. BLK

PROVIDE NEW OPENING IN B.W. & INSTALL NEW DOOR & FRAME

WET LATH & PERLITE PL AS SPEC

1" FLEXICELL BOTH SIDES

EXPANSION JOINT COVERED AS SPEC

EXPANSION JOINT DET. (16/202)
SCALE: 3" = 1'-0"

WET LATH & PERLITE PL AS SPEC

12" CONTROL JOINT FIBERGLASS FACING EQUAL AS SPEC OVER CAULK AS SPEC

12" CONC. BLOCK

1/2" FLEXICELL BOTH SIDES

CONTROL JOINT DET. (15/202)
SCALE: 3" = 1'-0"

SOUTH EAST CORNER (13/202)
SCALE: 1/4" = 1'-0"

NEW CONC. FASCIA PANELS START HERE

EXTERIOR ELEVS SOUTH-EAST CORNER (17/202) NORTH-EAST CORNER (18/202)
SCALE: 1/8" = 1'-0"

ELEVATIONS SHOW EXISTING CONDITIONS & WORK TO BE DONE

NOTE:
AUTOMATIC WANDS
WARNING LIGHTS

LINE OF PRECAST CONC. PANEL OVER

SERVICE BAY
G-114
FOR LARGE SCALE PLAN SEE SHEET 204

STORAGE BAY #1
G-119

STORAGE BAY #2
G-120

STORAGE BAY #3
G-121

STORAGE BAY #4
G-122

8" LIGHTWEIGHT CONC. BLOCK AS SPEC

NOTE: ROUGH IN FOR WANDS & WARNING LIGHTS IN THIS BAY ONLY

TILE DROP & SPLASH
G-118
G-116
G-117
MECH. AREA
G-115
DRINKING FOUNTAIN
GASOLINE PUMP ISLAND

NOTE:
F INDICATES 2 HR FIRE SEPARATION

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 1620 — 1420 YONGE STREET
TORONTO, ONTARIO M4T 1X2

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS

APPROVED

NOTE
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THAT THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 95.77

PROVINCE OF MANITOBA

SAND BLAST CONCRETE PROTECTIVE COATING AS SPEC (TYPICAL)

LINE OF PRECAST CONC. PANEL OVER

4" WHITE CONC. BLOCK

2" STYROFOAM INSULATION

1" AIR SPACE

VAPOR BAR AS SPEC

8" CONC. BLOCK

SAND BLAST AS SPEC (TYP.)

SAND BLAST AS SPEC

8" LIGHTWEIGHT CONC. BLOCK AS SPEC.

MET. LATH & PERLITE PL AS SPEC

1/2" FLEXICELL

1-8x8x16 TIE PLASTER THRU SLOTS TO CONC. BLK. ONLY (TYPICAL)

8x8x16 REQUARED TIE PLASTER AS SPEC

1/2" FLEXICELL (1" FLEXICELL AT G & L & T.)

1/2" FLEXICELL BOTH SIDES

MET. LATH & PERLITE PL AS SPEC.

PLAN DETAILS SCALE: 3/4" = 1'-0"

3/4" CHAMFER TYPICAL ALL CONC. CORNERS

SAND BLAST ROUGH CONC. FINISH

LINE OF PRECAST CONC. PANEL OVER

3/4" CHAMFER TYPICAL

12" O.D. PAINT

3" RIGID INSUL.

NOTE: FOR OVERHEAD DOOR DETAILS SEE SHT. 201

SAND BLAST ALL EDGES ROUGH CONC. FINISH

LINE OF PRECAST CONC. PANEL OVER

H.M. FRAME

NOTE: ROUGH DOOR OPENING HEIGHT 7'-3 1/2"

ALUM. THRESHOLD

4" LINE OF CONC. AT HEAD

8" LIGHTWEIGHT CONC. BLOCK

MET. LATH & PERLITE PLASTER AS SPEC

TYPICAL JOINT DETAIL
SCALE: FULL SIZE

12" O.D. PAINT

3" RIGID INSUL.

24" VERT. WITH TYPE B 24" O.C.

10" CONC. RETAINING WALL (TOP EL. 101'-8") (SMOOTH FORMED CONC. SAND BLAST)

SERVICE PROJECTION
SCALE: 1/2" = 1'-0"

EXPANSION JOINT

COPPER FLASHING AS SPEC

FIBERGLASS CAULKING

12" O.D. AS SPEC

CONTROL JOINT AT ROOF

CONTROL JOINT AT SLOPE

(TYPICAL)

NOTE: FLASHING DET. SIMILAR TO DET. (12/202)

TOP OF CONC. BLK. ELEV. 115'-4"

TOP OF MAIN ROOF JOISTS ELEV. 113'-8"

MASONRY REINF. AS SPEC (EVERY 8th COURSE)

16" CONC. BLK.

TOP OF FOUNDATION SLAB ELEV. 100'-0"

SECT. (19/202) THRU EXTERIOR WALL
SCALE: 1/4" = 1'-0"

SECT. THRU EXIST. EAST WALL

LINE OF PRECAST CONC. PANEL OVER

LOW CONC. RET. WALL (TOP EL. 101'-0")

DRINKING FOUNTAIN

CORRIDOR G-124

EQUIPMENT STORAGE G-123

MECH. RM. G-125

WASH ROOM (FUTURE) G-126

SLOPE G-127

3" RIGID INSUL. 1/2" O.D. PAINT

JAMB (9/202) SCALE: 1/4" = 1'-0"

6" CONC. LINTEL BLOCK

PAINT (TYPICAL)

3" BATT INSULATION VAPOUR BARRIER CEMENT PLASTER ON WELL LINE

RAKED JOINT TYPICAL

HEAD (11/202)

JAMB (10/202) SCALE: 1/4" = 1'-0"

NOTE: FILL ALL DOOR FRAMES WITH MORTAR TYPICAL AT CONC. BLOCK

8" CONC. BLK.

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
3.10.79	5		AS BUILT	
95.77	4		GARAGE ADDITION - FOR TENDER	DAG
20.3.68	3	0	FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY

FLOOR PLAN & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: DAG
CHECKED:
FILE No.
EXEC. No.
DATE
SCALE
DRAWING No. 2165 - 202
ARCHITECTURAL

SERVICE BAY
G-114

STORAGE BAY #1
G-119

STORAGE BAY #2
G-120

STORAGE BAY #3
G-121

STORAGE BAY #4
G-122

FOR DETAILS IN THIS AREA SEE SHEET 204

LINE OF PRECAST CONC. PANEL OVER

8" LIGHTWEIGHT CONC. BLOCK

12" CONC BLOCK

FAN ROOM #2 G-116

FAN ROOM #1 G-118

TRASH HOUSE #2 G-165

TRASH HOUSE #1 G-165

DRINKING FOUNTAIN

LUNCH ROOM G-110

STAIRWELL #2 G-110A

MECH. AREA G-111

VEST G-112

MECHANICAL ROOM G-105

STORAGE G-108

4" CONC. BLK. 4'-0" HIGH

DIAMETER & EDENCING ROOM G-104

SIGN STORAGE G-107

CORRIDOR G-113

TRANSFORMER VAULT G-102

STAIRWELL #1 G-106

VEST G-101

ELECTRICAL ROOM G-100

NOTE: ROUGH IN FOR WANDS & WARNING LIGHTS THIS BAY ONLY

STAIRWELL #3 G-115

VEST G-119

CONCRETE BUMPER POST

G-119-E

G-114-K

G-114-E

G-114-F

G-114-H

G-114-J

G-119-M

G-119-J

G-120-K

G-120-E

G-120-M

G-120-N

G-120-R

G-121-K

G-121-M

G-121-N

G-121-P

G-121-Q

G-121-R

G-121-S

G-122-K

G-122-M

G-122-N

G-122-P

G-122-Q

G-122-S

G-122-L

G-122-T

G-122-U

G-122-V

G-122-W

G-122-X

G-122-Y

G-122-Z

G-122-AA

G-122-AB

G-122-AC

G-122-AD

G-122-AE

G-122-AF

G-122-AG

G-122-AH

G-122-AJ

G-122-AK

G-122-AL

G-122-AM

G-122-AN

FOR MOTOR CONTROL CENTRE SEE E.L.EC.

EXPANSION JOINT AT ROOF

CONTROL JOINT AT ROOF

CONTROL JOINTS G-120-E

CONTROL JOINT AT ROOF

FAST

REMOVE EXIST. SIGN & FOUNDATION

REMOVE EXIST. CONC. CURB

NEW CONC. CURB

LOW CONC. RET. WALL TOP EL. 101.6

LOW CONC. RET. WALL TOP EL. 101.0

EQUIP. STORAGE G-128

MECH. RM. G-129

WASH RM. G-130

CORRIDOR G-127

G-119-A

G-130-A

G-112-A

G-112-B

G-121-L

G-121-A

G-121-B

G-121-C

G-121-D

G-121-E

G-121-F

G-121-G

G-121-H

G-121-J

G-121-K

G-121-L

G-121-M

G-121-N

G-121-P

G-121-Q

G-121-R

G-121-S

G-121-T

G-121-U

G-121-V

G-121-W

G-121-X

G-121-Y

G-121-Z

G-121-AA

G-121-AB

G-121-AC

G-121-AD

G-121-AE

G-121-AF

G-121-AG

G-121-AH

G-121-AJ

G-121-AK

G-121-AL

G-121-AM

G-121-AN

NOTE:
(F) INDICATES 2HR. FIRE SEPARATION

NOTE:
AUTOMATIC WANDS
WARNING LIGHTS

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS 230 ST. CLAIR AVE. W., TORONTO, CANADA M4V 1R3 (416) 924-7040

APPROVED

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 302—1380 YONGE STREET
TORONTO, ONTARIO M4T 1X2

NOTE
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION. DATED 9.5.77

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
3.10.79	6		AS BUILT	
9.5.77	5		GARAGE ADDITION - FOR TENDER	P.A.C.
6.5.68	4	1	REVISED DET. 7/203 – ADD DOOR @ G-114-K & @ G-106-G.	P.A.C.
29.3.68	3	0	FOR CONSTRUCTION	
13.1.68	2	0	FOR TENDER	
2.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY
FLOOR PLAN & DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

ARCHITECTS
Waisman Ross • Blankstein Coop Gillmor, Hanna
10 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: G.G. P.A.C.
CHECKED:
FILE NO.
SHEET NO.
DATE: 15.12.67
SCALE: 1/16"=1'-0" EXCEPT AS NOTED
DRAWING NO. 2185 - 203
ARCHITECTURAL

PLAN DETAILS SCALE: 3/4"=1'-0"

NOTE: FOR OVERHEAD DOOR DETAILS SEE SHT 207

SAND BLAST ALL POURED-IN-PLACE CONC. COLUMNS

LINE OF PRECAST CONC PANEL OVER

SAND BLAST AS SPEC (TYPICAL)

BATT INSUL

EXPANSION JOINT COVER TYPE "A" AS SPEC

2" (MAX EXPANSION) 1/2" (MAX CONTRACTION)

STEEL GRATING AS SPEC

8" LIGHTWEIGHT CONC. BLOCK AS SPEC.

4" CONC. BLK.

8" CONC. BLK.

NOTE: NO FENDER GUARD

ALUM. THRESHOLD AS SPEC.

SAND BLAST AS SPEC

SAND BLAST

6" CONC. BLK.

8" LIGHTWEIGHT CONC. BLOCK

VAPOUR BARRIER AS SPEC

2" STYROFOAM INSULATION

1" AIR SPACE

4" CONC. BLK. PROTECTIVE COATING AS SPEC

EXP. JOINT IN FLOOR

LIGHT WT. CONC. BLK AS SPEC

CONC. BEAM OVER

SPRAYED ON FIREPROOFING AS SPEC

ROOF AS SPEC

FOR CONC. CURB SEE DETAIL 5 / 204

10" PRECAST CONC. CHANNEL AS SPEC.

CONC. BOLLARD

LINE OF PRECAST CONC PANEL OVER

WASHING LIGHT MOUNTING BRACKET SPEC PET 2

WET NOZ.

DRY NOZ.

CONCRETE BUMPER POST H=5'-0" MIN. AS SPEC

LINE OF SLAB OVER

8" CONC. BLOCK

LINE OF 8" CONC. BLK. OVER

DEEP RAKED METAL JOINT SEAL

FILL DOOR FRAME IN MORTAR

NOTE: NO FENDER GUARD

2-4 STRAPPING @ 24" O.C.

1/2" O.D. - PAINT

3" RIGID INSUL

TYP. DET. AT PRECAST PANEL & CONC. WALL

1/2" STUD, NUT & WASHER

CONN. PLATE @ 8'-0" O.C.

L 4 x 4 x 5/16 WELD TO PLATE

TY. CONNECTION

SCALE: 1½" FULL SIZE

3/4" CHAMFER TYPICAL

10" CONC. RETAINING WALL SMOOTH - SANDBLASTED TO EL. 101.6

CONC. SILLS SEE DET. 2/205

LINE OF PRECAST CONC. PANEL OVER

UPPER LEVEL

LOWER LEVEL

SERVICE PROJECTION FLOOR PLANS

SCALE: 1/8" = 1'-0"

SERVICE BAY
G-114

8" LIGHTWEIGHT CONC. BLOCK

6" CURVE BLK. AT ENTRANCE (TYP.) AT EXT. WALL AT SERVICE BAY

MECHANICAL & ELEC. EQUIP. ROOM G-116

DRINKING FOUNTAIN

UP 15R TO SPECIAL EQUIP. G-118

STAIRHALL #4 G-117

TILE STRIP & TILE G-118

CONC. RETAINING WALL EQUICK DP. FOAM & SAND BLAST ALL EXP. SURFACES AS SPEC.

CONC. CURB SEE DET.

CONC. PAVING

ALUM. THRESHOLD

CONC. RETAINING WALL EQUICK DP. FOAM & SAND BLAST ALL EXP. SURFACES AS SPEC.

LINE OF PRECAST CONC. PANEL OVER

TRASH HOUSE #1 G-119

TRASH HOUSE #2 G-120

FAN

CORRIDOR G-113

STAIRHALL #3 G-112

FOR STAIR DET. SEE SHT 207

SHUTTER FIN. AS SPEC.

CONC. FINISH - SMOOTH AS SPEC.

SECT.

3 COAT PLASTER FINISH OPENING BY WIZENS CONTRACTOR

VESTIBULE G-101

MECHANICAL & ELEC. EQUIP. ROOM G-115

STAIR DET. SEE SHEET 207

STAIR HALL #2 G-104

VEST G-109

ALUM. THRESHOLD

LINE OF CONC. FACE OF PRECAST

STORAGE G-106

SIGN STORAGE G-107

STAIRHALL #1 G-101

FOR STAIR DETAILS SEE SHT 207

VEST G-101

ALUM. THRESHOLD

CONC. CURB

LINE OF CONC. FACE OF PRECAST

MECHANICAL ROOM G-105

METER & BLENDING ROOM G-104

TRANSFORMER VAULT G-103

ELECTRICAL ROOM G-102

ALUM. THRESHOLD

CONC. CURB

LOUVER SEE WALL SECT. 1-206

ALUM. THRESHOLD

LINE OF CONC. FACE OF PRECAST

CONC. CURB

CONC. CURB

NOTE: RIBBED CONC. EARTH INSERT SPACING AS TYP. OF 1/204

SECTIONS THRU TRASH HOUSES
SCALE: 1/8" = 1'-0"

4" SOLID CONC. BLOCK (TOP COURSE)

8" CONC. BLOCK

4" CONC. BLK. PAINT AS SPEC.

2" GLAZED CONC. BASE BLOCK

8" CONC. BLOCK

2" GLAZED CONC. BASE BLOCK

EL. 100'-0"

BASE DETAILS AT SERVICE BAY
SCALE: 1/8 FULL SIZE

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS

APPROVED

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 202—1500 YONGE STREET
TORONTO, ONTARIO M4T 1X2

SECTION (3/204) THRU VESTIBULE G-101 & STAIRHALL #1 G-105
SCALE: 1/4" = 1'-0"

FORMED CONC. FINISH AS SPEC.

LIGHTING FIX. AS SPEC.

G.I. FLASHING - PAINT

CONC. SILL SAND BLASTED

CONC. SILL TYP. (1)

TOP OF MAIN FLR. SLAB EL. 100'-0"

SERVICE PROJECTION (UPPER LEVEL)
SCALE: 1/8" = 1'-0"

PRECAST CONC. PANEL DETAILS SCALE: 1/4 FULL SIZE

CEILING & SOFFIT DETAILS SC. 1/8 F.S.

SAND BLASTED CONC.

VAPOUR BARRIER AS SPEC 3" BATT INSUL.

CAULK

CEM. PLASTER ON MET. LATH & SUSP. SYSTEM AS SPEC.

4" CONC. BLK. PAINT AS SPEC 2" STYROFOAM 1" AIR SPACE VAP. BAR. AS SPEC.

DELETED

CEMENT PLASTER ON MET. LATH & FURRING CLIPS AS SPEC.

EXP. JOINT AS SPEC.

VAPOUR BARRIER AS SPEC.

2" STYROFOAM INSULATION

CONTROL JOINT AT SERVICE BAY

PLAN OF TRASH HOUSE
SCALE: 1/16" = 1'-0"

1/2" x 1/2" W.I.S.B. MESH SCREEN AS SPEC.

4E 54

2 x 4

TOP LAYER OF STRIPPING FELT

EL. FLASHING PAINTED

8" CONC. BLK.

SECT. THRU TRASH HOUSE ROOF
SCALE: 1/4 FULL SIZE

DOOR & FRAME SCHEDULE

JAMB (9/204) SCALE: 1/4 F.S.

SILL (10/204)

JAMB (11/204) SCALE: 1/4 F.S.

JAMB (12/204)

BOOKMATCH

12'-6"

21'-0" PANEL

2x4 STRAPPING @ 32" O.C.

1/2" GYPSUM DRYWALL - PAINT

5" RIGID INSULATION

24 GA. STEEL

REPEAT

2'-0" 2½" 1'-1" 2½" 1'-8" 2½" 9" 2½" 2'-0" 2½" 8" 2½" 2'-6" 2½" 9½" 2½" 8" 2½" 2'-6" 2½" 2'-0" 2½" 9" 2½" 1'-5" 2½" 1'-1" 2½" 2'-6"

25'-0"

POURED IN PLACE CONC. WALL ~~TYPICAL TILT-UP PANELS~~ (13/204) SEE SPECIFICATIONS SHOWING BATTEN INSERT SPACING RIB TYPE (1)
SCALE: 3/8" = 1'-0"
NOTE: BATTEN INSERT SPACING ARE PANEL LENGTHS NOT SHOWN SHALL APPROXIMATE THOSE AS SHOWN. BOOKMATCH ALL PANELS

NOTE: DIMENSIONS LOCATING BATTEN INSERTS ARE TO BE USED AS A GUIDE ONLY. CONTRACTOR SHALL MATCH BATTEN SPACING AT EXISTING BUILDING

TYPICAL BATTEN INSERT SPACING FOR POURED IN PLACE CONC. WALLS (14/204)
SCALE: 3/4" = 1'-0"
NOTE: THIS PATTERN OCCURS ON ALL PROJECTING TOWERS e.g. SERVICE PROJECTIONS

SMOOTH CONC. SAND BLAST OR HONE AS SPEC.

REPEAT

FIBREGLAS PACKING ROD AS SPEC. CAULKING AS SPEC. TYPICAL

2½" VARIES 2½"

(15/204) TYPICAL CONTROL JOINT AT EXTERIOR CONC. WALL
SCALE: 1/4 FULL SIZE

1½" (MAX. CONTRACTION)

FIBREGLAS PACKING

(MAX. EXPANSION)

EXPANSION JOINT COVER TYPE "Y" (D.A.E.) AS SPEC.

(16/204) TYPICAL EXPANSION JOINT AT EXTERIOR CONC. WALL
SCALE: 1/4 FULL SIZE

CEM. PLASTER ON MET. LATH & FURRING CLIPS AS SPEC.

VAPOUR BAR. AS SPEC.

2" STYROFOAM INSUL.

FIBREGLAS PACKING ROD AS SPEC. CAULK AS SPEC.

EL. 112'-0" PRECAST CONC. PANEL

CEM. PL. ON MET. LATH & FURRING CLIPS AS SPEC.

VAPOUR BAR AS SPEC.

2" STYROFOAM INSULATION

TOP OF CONC. BLK. EL. 112'-4"

4" CONC. BLK. PAINT AS SPEC.

VAPOUR BAR. AS SPEC.

2" STYROFOAM INSUL. AS SPEC.

1" AIR SPACE

NOTE: AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THAT THEY ARE APPLICABLE TO THE CONST. OF THE GARAGE ADDITION

SECT. (21/204) THRU JUNCTION OF SERVICE PROJ. WALL & ENT WALL OF SERVICE BAY AT PRECAST CONC. PANEL SHEET 11 AS BUILT

NOTE: ACTUAL WIDTH OF EXPANSION JOINTS AT TIME OF INSTALLATION SHALL BE DETERMINED ON THE SITE BY THE CONSULTING ENGINEERS.

COMPRIBAND AS SPEC.

FIBREGLAS PACKING ROD AS SPEC. CAULKING AS SPEC. TYP.

(17/204) CORNER CONTROL JOINT

(18/204) 2½" EXPANSION JOINT

3" RIGID INSULATION

½" PLYWOOD

PRECAST CONC. PANEL

(19/204) TYPICAL CONTROL JOINT

(20/204) 1½" EXPANSION JOINT

DATE	ISSUE No.	REV. No.	DESCRIPTION	DRAWN BY
15.10.79	7			D.A.D.
9.5.77			GARAGE ADDITION - FOR TENDER	
27.7.68	5	2	DELETION OF EXPLOSION VENTS IN EM. G-104	G.H.
6.5.68	4	1	ADDED DWG # E-104-E	D.A.D.
29.3.68	3	0	FOR CONSTRUCTION	
21.1.68	2	0	FOR TENDER	
20.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

SERVICE BAY

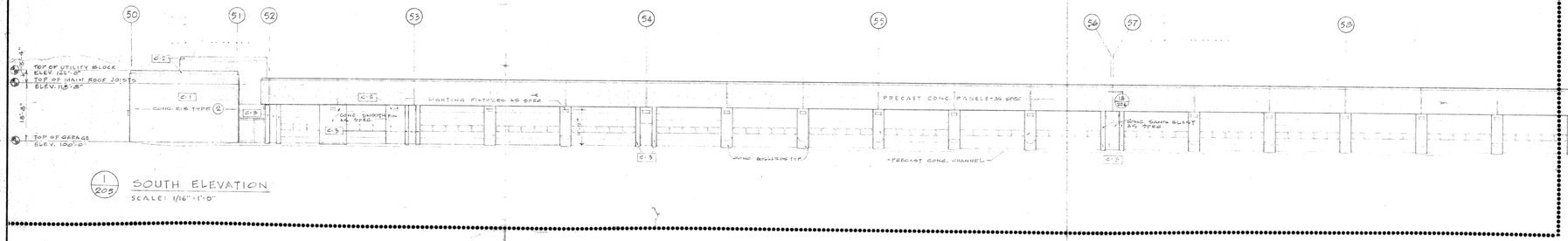
FLOOR PLAN & MISCELLANEOUS DETAILS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

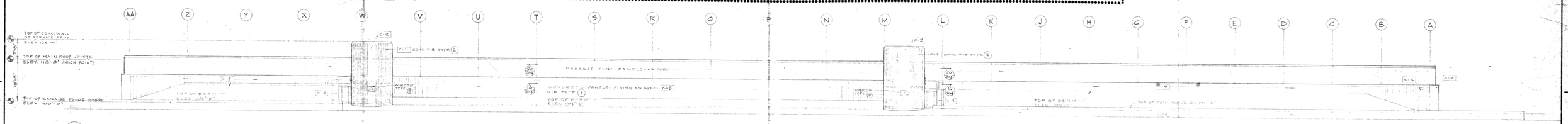
ARCHITECTS
Wishman Ross + Blankstein Coop Gillmor Hanna
70 DONALD STREET, WINNIPEG, MANITOBA

APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

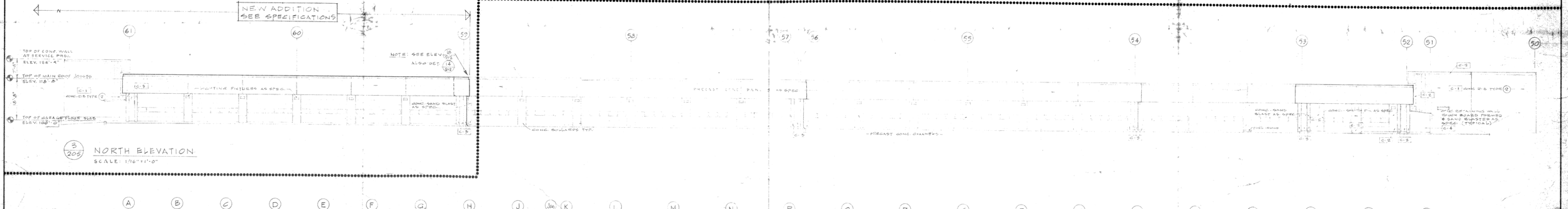
DRAWN BY D.A.D. DATE 15.10.67
CHECKED SCALE AS NOTED
PLOT No. DRAWING No. 2185-204
ISSUE No. ARCHITECTURAL



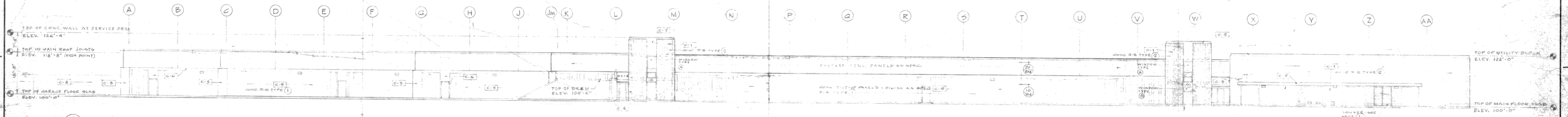
1/205 SOUTH ELEVATION
SCALE: 1/16"=1'-0"



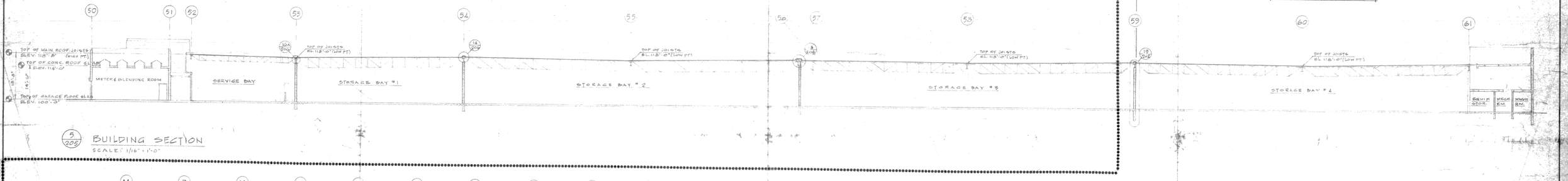
2/205 EAST ELEVATION
SCALE: 1/16"=1'-0"



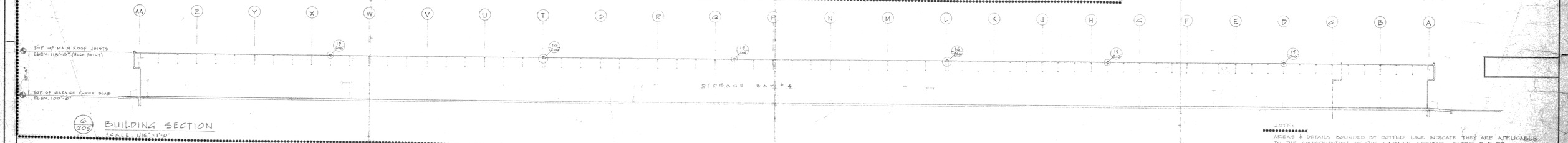
3/205 NORTH ELEVATION
SCALE: 1/16"=1'-0"



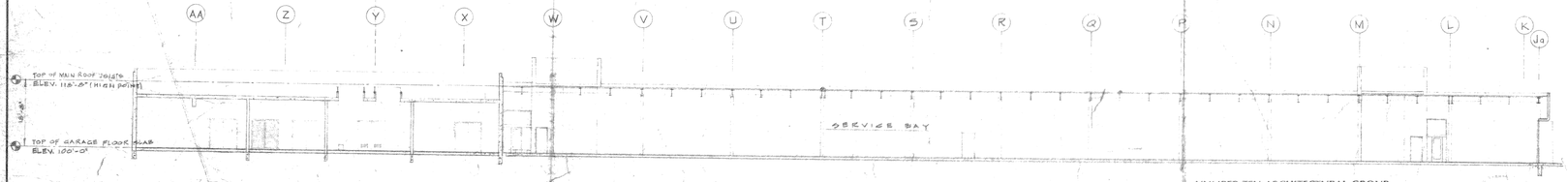
4/205 WEST ELEVATION
SCALE: 1/16"=1'-0"



5/205 BUILDING SECTION
SCALE: 1/16"=1'-0"



6/205 BUILDING SECTION
SCALE: 1/16"=1'-0"



7/205 BUILDING SECTION
SCALE: 1/16"=1'-0"

A. D. MARGISON ASSOCIATES LTD.
CONSULTING PROFESSIONAL ENGINEERS
SUITE 802 - 1320 YONGE STREET
TORONTO, ONTARIO M4T 1W2

NUMBER TEN ARCHITECTURAL GROUP
ARCHITECTS & PLANNERS
APPROVED

CONCRETE FINISH SCHEDULE

C-1	RIBBED CONCRETE, SAND BLASTED
C-2	SMOOTH CONCRETE
C-3	SMOOTH CONCRETE, SAND BLASTED
C-4	VERTICAL ROUGH SAWN BOARD FORMED, SAND BLASTED
C-5	CONCRETE PANELS, BATTEN INSERTS, SMOOTH CONC.
C-6	CONCRETE PANELS - SMOOTH CONCRETE

CONCRETE RIB TYPES

1. SEE DETAIL 15/204
2. SEE DETAIL 14/204

NOTE:
AREAS & DETAILS BOUNDED BY DOTTED LINE INDICATE THEY ARE APPLICABLE TO THE CONSTRUCTION OF THE GARAGE ADDITION DATED 9.5.77.

DATE	ISSUE NO.	REV. NO.	DESCRIPTION	DRAWN BY
3.10.79	6		AS BUILT	
9.5.77	5		GARAGE ADDITION - FOR TENDER	D.A.C.
6.5.68	4	1	ADDITION OF BAYS #3-11 & K ON WEST ELEV. 4/205	D.A.C.
25.5.68	3	0	FOR CONSTRUCTION	
19.1.68	2	0	FOR TENDER	
21.10.67	1	0	FOR APPROVAL	

ISSUE OR REVISION

METROPOLITAN CORPORATION OF GREATER WINNIPEG
STREETS AND TRANSIT DIVISION

TRANSIT STORAGE AND SHOP FACILITIES

GARAGE & SERVICE BAY

ELEVATIONS & BUILDING SECTIONS

CONSULTING PROFESSIONAL ENGINEERS
A. D. MARGISON AND ASSOCIATES LIMITED
1155 LESLIE STREET, DON MILLS, ONTARIO

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APPROVED
DEPUTY DIRECTOR OF STREETS AND TRANSIT

DRAWN BY: D A G
CHECKED:
FILE NO.:
SHEET NO.:
DATE: 15.12.67
SCALE: AS NOTED
DRAWING NO.: 2185-205
ARCHITECTURAL