

BUILDING SPECIFICATIONS:

1.0 GENERAL:

- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
- VERIFY ALL MECHANICAL AND ELECTRICAL REQUIREMENTS WITH RESPECTIVE DISCIPLINES. VERIFY ALL MAJOR OPENINGS WHICH ARE REQUIRED BUT ARE NOT SHOWN ON THE DRAWINGS WITH THE CONTRACT ADMINISTRATOR.
- SHOP DRAWINGS AND PRODUCT DATA: SUBMIT OR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS AND PRODUCT DATA REQUIRED FOR THIS PROJECT INCLUDE:
 - INSULATION
 - STEEL DOORS AND FRAMES
 - DOOR HARDWARE
 - WINDOWS
 - PAINT
 - RESILIENT SHEET FLOORING
- UNLESS NOTED OTHERWISE, INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

2.0 INTERIOR WALLS AND ROOFS:

- STEEL FRAMING SYSTEM:
 - REFER TO STRUCT
- INTERIOR WALL BOARD:
 - CSA A82.27 PLAIN, SQUARE CUT ENDS, TAPERED EDGES, PAPER FACED.
 - INSTALL HORIZONTALLY IN WALLS.
 - TAPE AND FILL JOINTS, FILL SCREW HEAD, TO PROVIDE SMOOTH FINISHED SURFACE.
 - TYPICAL: 16mm (5/8") STANDARD
- PLYWOOD:
 - TO CSA 0121-M1978 DFP OR CSA 0157-M1978 CSP
 - 13mm (1/2") THICK
- INSULATION:
 - SEMI-RIGID MINERAL WOOL, SIZED TO FIT STUD SPACING
 - INSTALL TO FILL WALL & ROOF CAVITY FULL THICKNESS AND HEIGHT
- RUBBER BASE:
 - 102mm (4") HIGH, CONTINUOUS RUBBER BASE
 - COLOUR: BLACK
 - ADHESIVE AS RECOMMENDED BY BASE SUPPLIER

3.0 STEEL DOORS AND FRAMES

- HOT DIPPED GALVANIZED STEEL SHEET: TO ASTM A653M, Z275 COATING.
 - REINFORCEMENT CHANNEL: TO CSA G40.20/G40.21, TYPE 44W, COATING DESIGNATION TO ASTM A653M, Z275 COATING.
- DOORS:
 - FACE SHEETS: 1.2mm (18 GA) BASE METAL THICKNESS.
 - FABRICATION:
 - FABRICATE DOORS WITH POLYURETHANE INSULATED CORE
 - FABRICATE DOORS WITH LONGITUDINAL EDGES CONTINUOUSLY WELDED.
 - SEAMS: GRIND WELDED JOINTS TO A FLAT PLANE, FILL WITH METALLIC PASTE FILLER AND SAND TO A UNIFORM SMOOTH FINISH
 - BLANK, REINFORCE, DRILL DOORS AND TAP FOR TEMPLATED HARDWARE
 - PROVIDE FLUSH STEEL TOP CAP
 - FRAMES:
 - 16 GA FULLY WELDED CONSTRUCTION.
 - EXTERIOR DOOR FRAME THERMALLY BROKEN
 - FABRICATION:
 - BLANK, REINFORCE, DRILL AND TAP FRAMES FOR HARDWARE USING TEMPLATES PROVIDED BY FINISH HARDWARE SUPPLIER.
 - REINFORCE FRAMES FOR SURFACE MOUNTED HARDWARE
 - PREPARE FRAME FOR DOOR SILENCERS, 3 PER DOOR
 - WELDING IN ACCORDANCE WITH CSA W59
 - GRIND WELDED JOINTS AND CORNERS TO A FLAT PLANE, FILL WITH METALLIC PASTE AND SAND TO UNIFORM SMOOTH FINISH

4.0 WINDOWS

- FRAMES:
 - 16 GA FULLY WELDED CONSTRUCTION.
- FABRICATION:
 - BLANK, REINFORCE, DRILL AND TAP FRAMES FOR HARDWARE USING TEMPLATES PROVIDED BY FINISH HARDWARE SUPPLIER.
 - WELDING IN ACCORDANCE WITH CSA W59
 - GRIND WELDED JOINTS AND CORNERS TO A FLAT PLANE, FILL WITH METALLIC PASTE AND SAND TO UNIFORM SMOOTH FINISH
- GLAZING:
 - DUAL GLAZING SET ON EITHER SIDE OF STEEL FRAME STOP
 - INTERIOR LITE: 6mm CLEAR FLOAT GLASS
 - EXTERIOR LITE: 6mm LAMINATED GLASS

5.0 DOOR HARDWARE:

- ALL LOCKS TO BE KEYED TO MATCH EXISTING DOORS AND THE CITY'S REQUIREMENTS.

1. CODE 1					
HINGES	CB179	114x101	26D	STANLEY	
LOCK SET	D53PD	PLY	626	SCHLAGE	
CLOSER	4011		26D	LCN	
WEATHERSTRIP	W21		AL	K.N. CROWDER	
AUTO DOOR BOTTOM	CT51		AL	K.N. CROWDER	

- CODE 2
- SAME AS CODE 1 EXCEPT:
 - PREP DOOR FRAME FOR ELECTRICAL STRIKE.
 - SUPPLY AND INSTALLATION OF STRIKE BY THE CITY.

3. CODE 2					
HINGES	CB179	114x101	26D	STANLEY	
PASSAGE SET	D10S	PLY	626	SCHLAGE	
WALL STOP	60C		26D	GLYNN-JOHNSON	

6.0 SEALANTS:

- MULTICOMPONENT URETHANES (FOR CONCRETE AND MASONRY)
 - TO CAN/CGSB-19.24.
- ONE-PART SILICONES (FOR METAL)
 - TO CAN/CGSB-19.13.
- ACRYLIC LATEX - PAINTABLE (FOR GYPSUM BOARD)
 - TO CAN/CGSB-19.17.
- ACOUSTIC SEALANT (UNDER STEEL STUD BOTTOM TRACK)
 - TO CAN/CGSB-19.21.
- BUTYL SEALANT (SETTING ALUMINUM THRESHOLDS).
 - TO CGSB 19-GP-14M.

7.0 PAINTING:

- COLOURS TO BE SELECTED

INTERIOR:

- GYPSUM BOARD:
 - MPI SYSTEM INT 9.2A, PREMIUM GRADE, GLOSS LEVEL 5.
- GALVANIZED AND ZINC COATED METAL:
 - MPI SYSTEM INT 5.3A, PREMIUM GRADE, GLOSS LEVEL 2 OR 3.
- CONCRETE BLOCK:
 - MPI SYSTEM INT 4.2C, PREMIUM GRADE, GLOSS LEVEL 3.
- CONCRETE FLOOR (TECH ROOM):
 - MPI SYSTEM INT 3.2C, PREMIUM GRADE, GLOSS LEVEL 3.

EXTERIOR:

- GALVANIZED AND ZINC COATED METAL:
 - MPI SYSTEM EXT 5.1C, PREMIUM GRADE, GLOSS LEVEL 3.
- CONCRETE BLOCK:
 - MPI SYSTEM EXT 4.2C, PREMIUM GRADE, GLOSS LEVEL 3.

ROOM / AREA FINISHING SCHEDULE

ROOM #	ROOM / AREA NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		HT	
		MAT	FIN	BASE	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT		FIN
101	NEW TECH ROOM	C	P	RB	CB(e)	P	GB	P	GB	P	GB	P	LAT	-	2700
102	NEW SUPERVISOR/CHARGEHAND OFFICE	C	RSF	RB	GB	P	GB	P	GB	P	GB	P	GB	P	2440
103	NEW CHARGEHAND OFFICE	C	RSF	RB	GB	P	GB	P	GB	P	GB	P	GB	P	2440
104	NEW SUPERVISOR OFFICE	C	RSF	RB	GB	P	GB	P	GB	P	GB	P	GB	P	2440

DOOR / WINDOW SCHEDULE

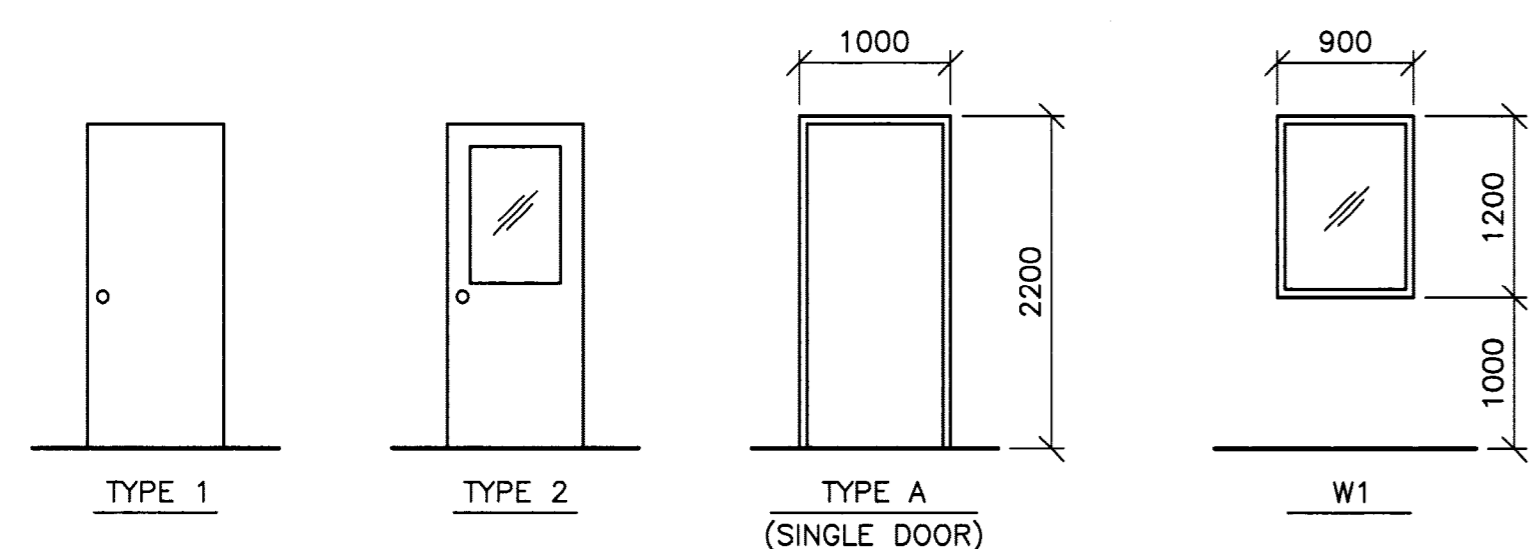
DOOR / WINDOW		FRAME			DOOR SIZE		HARDWARE CODE	F.R. RATING (HOURS)	REMARKS
NUMBER	TYPE	MAT	FIN	TYPE	MAT	FIN			
D100	1	HM	P	A	PS/TB	P			INSUL DOOR AND FRAME
D101	2	HM	P	A	PS	P			INSUL DOOR AND FRAME
D102	1	HM	P	A	PS	P			INSUL DOOR AND FRAME
D103	1	HM	P	A	PS	P			INSUL DOOR AND FRAME
D104A	1	HM	P	A	PS	P			INSUL DOOR AND FRAME
D104B	1	HM	P	A	PS	P			INSUL DOOR AND FRAME
WINDOWS									
W1	DUAL GLAZED	-		PS	P				INSUL FRAME

DOOR TYPES:

FRAME TYPES:

WINDOW TYPES:

ABBREVIATIONS:



- C - CONCRETE
- CB - CONCRETE BLOCK
- (e) - EXISTING
- FIN - FINISH
- GALV - GALVANIZED
- GB - GYPSUM BOARD
- HM - HOLLOW METAL
- HT - HEIGHT
- INSUL - INSULATED
- LAT - LAY-IN ACOUSTIC TILE
- MAT - MATERIAL
- P - PAINT
- PS - PRESSED STEEL
- RB - RUBBER BASE
- RSF - RESILIENT SHEET FLOORING
- STR - STRUCTURE
- TB - THERMALLY BROKEN

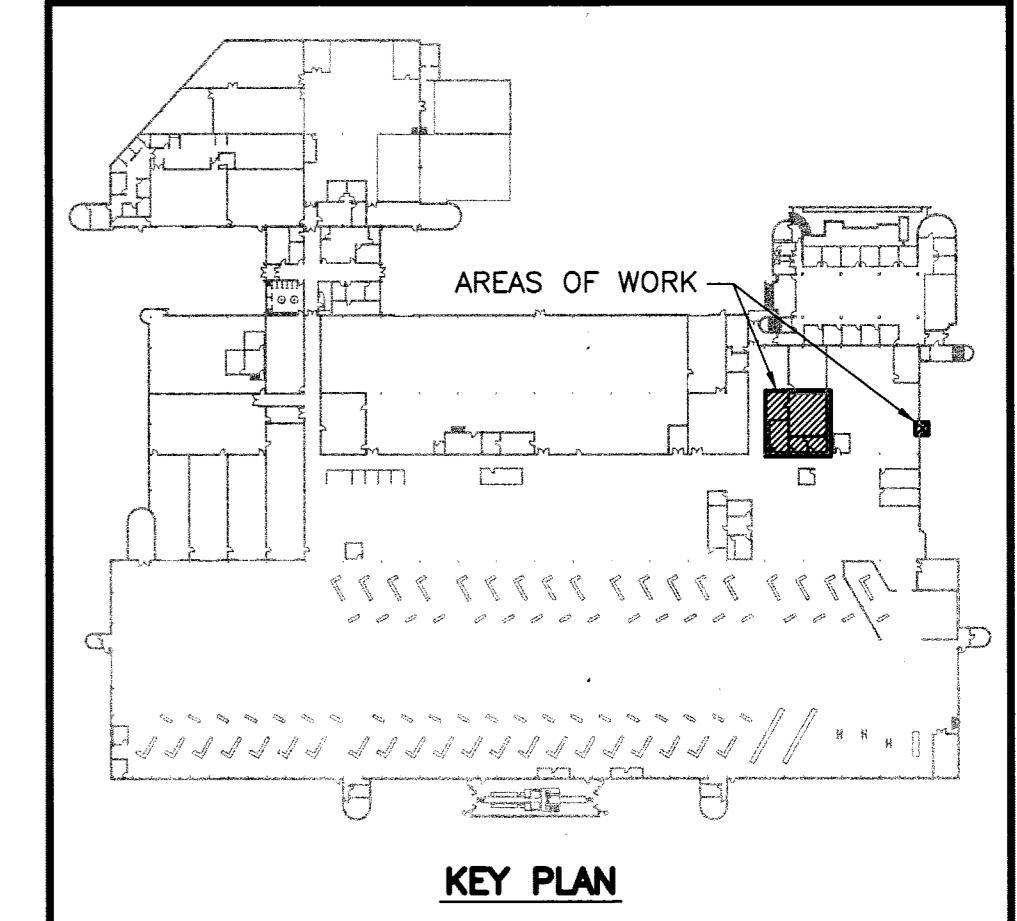
8.0 LAY-IN ACOUSTIC TILE:

- 16mm (5/8") LAY-IN MINERAL FIBRE ACOUSTIC CEILING TILE WITH PREFINISHED WHITE T-BAR SUSPENSION SYSTEM.
- GRID SIZE: 610x1220 (24"x48")

9.0 RESILIENT SHEET FLOORING:

- SLIP RESISTANT, 2.5mm SHEET
- ACCEPTABLE PRODUCT: ALTRO DESIGNER 25 SERIES, OR APPROVED EQUAL IN ACCORDANCE WITH B7-SUBSTITUTES.
- COLOURS TO BE SELECTED.

REFERENCE DRAWINGS	
NO.	DESCRIPTION



NO.	DATE	DESCRIPTION	PREPARED	REVIEW	DESIGN	AUTHORIZE
00	13.06.27	ISSUED FOR CONSTRUCTION	EV		DLP	

REVISIONS/ISSUE: _____ DRAFTING: _____ ENGINEERING: _____

SEAL: _____ PERMIT STAMP: _____

PROVINCE OF MANITOBA
C.P. MOTA
Member
24320
3.06.14
REGISTERED PROFESSIONAL ENGINEER

APEGM
Certificate of Authorization
TETRA TECH WEI Inc.
No. 5313 Date: April 30, 2014

DESIGNED BY: DLP	PREPARED BY: EV	REVIEWED BY: DLP
AUTHORIZED BY: [Signature]	DATE: 13.05.14	SCALE: AS NOTED

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SUB-CONSULTANTS:

CLIENT:
CITY OF WINNIPEG
TRANSIT DEPARTMENT

TETRA TECH

PROJECT NAME:
ELECTRICAL SECTION RENOVATION AT THE WINNIPEG TRANSIT GARAGE, 421 OSBORNE STREET

DRAWING DESCRIPTION:
BUILDING SPECIFICATIONS & SCHEDULES

DRAWING NO:
1329720200-DWG-B0005

REV: 00