THE BID DOCUMENTS, CONDITIONS OF CONTRACT, DRAWINGS AND SPECIFICATIONS ARE HEREBY AMENDED, AS FOLLOWS:

Amendment 1

ARCHITECTURAL DRAWINGS

1.1 Replace sheet A205 Enlarged Plans, with sheet A205 Enlarged Plans marked Revision #6 issued herewith, revisions bubbled and tagged.

1.2 Replace sheet A301 Elevation, with sheet A301 Elevation marked Revision #12 issued herewith, revisions bubbled and tagged.

1.3 Replace sheet A303 Curtain Wall Elevations / Door & Frame Schedules, with sheet A303 Curtain Wall Elevations / Door & Frame Schedules marked Revision #10 issued herewith, revisions bubbled and tagged.

1.4 Replace sheet A701 Reflected Ceiling Plan, with sheet A701 Reflected Ceiling Plan marked revision #11 issued herewith, revisions bubbled and tagged.

1.5 Replace sheet A001 Abbreviations, Wall & Roof Types and General Notes, with sheet A001 Abbreviations, Wall & Roof Types and General Notes marked Revision #11 issued herewith, revisions bubbled and tagged.

1.6 Replace sheet A404 Wall Sections, with sheet A404 Wall Sections marked Revision #10 issued herewith, revisions bubbled and tagged.

1.7 Replace sheet A405 Wall Sections, with sheet A405 Wall Sections marked revision #8 issued herewith, revisions bubbled and tagged.

1.8 Replace sheet A406 Wall Sections, with sheet A406 Wall Sections marked revision #7 issued herewith, revisions bubbled and tagged.

Amendment 2

08 33 00 – OVERHEAD COILING DOORS

2.1 Add specification section 08 33 00 – Overhead Coiling Doors issued herewith.

Amendment 3

10 28 13 – WASHROOM ACCESSORIES

3.1 Delete and replace paragraph 2.2.9 as follows

.9 Grab Bars: 38 mm diameter, 1.2 mm thick, concealed mounting with snap flange, complete with escutcheons, type 304 stainless steel with a satin finish and peened grip in the following configurations:

.1 GB1: 610 mm long straight grab bar to be located behind watercloset: Series 6806.99 by Bobrick Washroom Equipment of Canada or approved equivalent.

.2 GB2: 762 mm long horizontal and vertical legged “L” shaped grab bar beside watercloset: Series 6806.99-L30x30 by Bobrick Washroom Equipment of Canada or approved equivalent.

.3 GB3: 1000 mm x 762 mm long “L” shaped grab bar in shower: Series 6806 by Bobrick Washroom Equipment of Canada or approved alternative.

.4 GB4: 1000 mm long straight grab bar beside shower seat: Series 6806.99x42 by Bobrick Washroom Equipment of Canada or approved alternative.

.5 GB5: #3513 Swing-Up Grab Bar by ASI Group Canada or approved equivalent, 762 mm long in locations as indicated. Installation to include anchor plate or blocking as required. Include toilet paper mounting as indicated on drawings.

END OF ARCHITECTURAL ADDENDUM No. 4

1 A205 Training Room
1 : 50

2 A205 Pod Rooms
1 : 50

3 A205 Enlarged Washrooms
1 : 25

4 A205 Enlarged Pod Wrms
1 : 25

5 A205 BF Grab Bar Detail
1 : 20

6 A205 Typ. Mounting Heights
1 : 20

7 A205 Floor to Wall Transition - CT
1 : 5

IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE

WALL SIGN GENERAL NOTES:

1. ALL TEXT SHALL BE TIREBIAS SIGN FONT, CENTERED VERTICALLY AND HORIZONTALLY ON SIGN
2. ALL TEXT SHALL BE 'RED' IN COLOUR AND 25mm HIGH.
3. SIGN BODY SHALL BE WHITE RIGID PVC OR ACRYLIC AND ADHERED TO WALL WITH DOUBLE SIDED TAPE AND SILICONE ADHESIVE.
4. SIGN SHALL BE DESIGNED AND MOUNTED IN ACCORDANCE WITH O.B.C. 3.8.3.12.(2)b

8 A205 Emergency Signage
N.T.S.

11 A205 Desk Unit
1 : 20

10 A205 BF Shower Curb / Linear Drain
1 : 5

NOTES:
1. ENSURE THAT SEAT IN 'UP' POSITION WILL NOT CONFLICT WITH GRAB BARS
2. 38mm DIA STAINLESS STEEL GRAB BAR MOUNTED WITH 50mm CLEARANCE & IN CONFORMANCE WITH O.B.C. 3.8.3.13. VERIFY ALL HEIGHTS W/ CONSULTANT PRIOR TO MOUNTING.
3. REFER TO FLOOR PLANS FOR ALL SIMILAR CONDITIONS

9 A205 BF Shower Equipment
1 : 20

NOTE:
ALL T.V TO BE PROVIDED AND INSTALLED BY OWNER. DINING TABLE, DINING CHAIRS, AND RECLINERS TO BE PROVIDED BY THE OWNER.

NOTE:
APPLIANCES AND LAUNDRY MACHINES SHALL BE PROVIDED BY THE OWNER AND G.C TO INSTALL.

NOTE:
TOILET PAPER, PAPER TOWEL, HAND SOAP OR SHAMPOO DISPENSERS ARE SHOWN FOR BLOCKING (BY G.C) & MOUNTING HEIGHT REQUIREMENTS. THESE ITEM SHALL BE PROVIDED BY THE OWNER AND G.C TO INSTALL.

No.	Revision	Date
6	Addendum #4	2024_04_04
5	Issued for Tender	2024_02_23
4	Issued for 100% Contract Documents	2023_11_24
3	Issued for 95% Contract Documents	2023_11_10
2	Isuurd For Building Permit	2023_11_07
1	Issued For Site Plan Re-Submission	2023_11_07

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon
architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information
Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For
Barrie Fire and Emergency Services

Drawing Title
Enlarged Plans

Date	Project No	Drawing No
2024_04_04	22030	A205
Drawn by: Author		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-04 4:58:02 PM

1 A301 North Elevation
1 : 125

2 A301 South Elevation
1 : 125

3 A301 West Elevation
1 : 125

4 A301 East Elevation
1 : 125

EXTERIOR ELEVATIONS KEY PLAN. N.T.S.

EXTERIOR ELEVATION GENERAL NOTES:

1. FOUNDATION WALL AND FOOTINGS ARE PER THE STRUCTURAL DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR THE REQUIRED DEPTHS, SIZES, REINFORCING, ETC.
2. LOCATIONS OF ALL MECHANICAL AND ELECTRICAL ITEMS MUST BE CO-ORDINATED WITH THE MECHANICAL AND ELECTRICAL DRAWINGS (ie. HOSEBIBB, GRILLES, LIGHTS, ETC.) ON SITE WITH ALL TRADES INVOLVED IN THE WORK.

NOTE:

FOURFOLD DOORS TO BE PRICED SEPARATELY AS PART OF PROVISIONAL ITEM # 02

7 A301 Signage - North Wall
1 : 25

5 A301 1 : 25

8 A301 1 : 5

No.	Revision	Date
12	Addendum #4	2024_04_04
11	Addendum #2	2024_03_18
10	Issued for Tender	2024_02_23
9	Issued for 100% Contract Documents	2023_11_24
8	Issued for 95% Contract Documents	2023_11_10
7	Issued For Building Permit	2023_11_07
6	Issued For Site Plan Re-Submission	2023_11_07
5	Issued for 75% Contract Documents	2023_10_13
4	Issued for Progress	2023_09_25
3	Design Development Approval	2023_08_25
2	Issued for Site Plan Application	2023-08-01
1	Issued for 100% Design Development	2023-06-27

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information
Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For
Barrie Fire and Emergency Services

Drawing Title
Elevation

Date	Project No	Drawing No
2024_04_04	22030	A301
Drawn by JM/BB		
Scale As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-04 4:58:10 PM

4 A303 CW1 - ALUM
1 : 50

7 A303 CW2 - ALUM
1 : 50

5 A303 CW3 - ALUM
1 : 50

3 A303 CW4 - ALUM
1 : 50

6 A303 CW6 - ALUM
1 : 50

2 A303 CW7 - ALUM
1 : 50

DOORS & FRAMES GENERAL NOTES:

1. FOR DOOR & FRAME TYPES REFER TO SCHEDULES.
2. FOR TYPICAL CONSTRUCTION DETAILS FOR DOORS REFER TO DRAWINGS.
3. ALL HM FRAMES SET IN MASONRY TO BE FILLED SOLID WITH MORTAR UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR DOORS & FRAMES TO BE FILLED WITH INSULATION AS SPECIFIED.
5. FOR GLASS TYPES REFER TO GLAZING SCHEDULE.
6. DOOR & GLASS PROFILES & SIZES ARE SHOWN DIAGRAMMATIC ONLY. ACTUAL SIZES TO COMPLY WITH THE MAXIMUM LIMITS AS PERMITTED UNDER THE O.B.C. FOR INDIVIDUAL DOOR REQUIREMENTS.
7. FOR METAL STUD SIZES AND GYPSUM BOARD THICKNESSES, REFER TO WALL TYPES LEGEND AND DETAIL DRAWINGS.
8. FOR DOORS AND SCREENS WITH FULL HEIGHT GLAZING (NO HORIZONTAL MULLIONS) PROVIDE A 50mm WIDE OPAQUE FILM FOR THE WIDTH OF THE GLAZING MOUNTED HORIZONTALLY AT 1350mm - 1500mm ABOVE FLOOR LEVEL PER O.B.C. 3.8.3.3.(15).

GENERAL NOTES:

1. FULLY SITE MEASURE & SITE VERIFY ALL OPENING DIMENSIONS BEFORE FABRICATION OF ANY UNITS. GC TO COORDINATE FRAME SIZES SHOWN WITH TOLERANCES AND CLEARANCES FOR ROUGH OPENINGS AS SPECIFIED BY THE MANUFACTURER.
2. SECURELY FASTEN THE HEADS OF ALL SCREENS TO THE STRUCTURE PROVIDED.
3. REFER TO FLOOR PLANS & ELEVATIONS FOR ALL LOCATIONS & QUANTITIES.
4. AT ALL IMR & IME LOCATIONS PROVIDE FOR DEFLECTION IN CONNECTION DETAIL.
5. REFER TO SPECIFICATION SECTION 08 44 00 - ALUMINUM WORK, FOR MULLION, EXTRUSION, DOOR, PANEL AND SHEET FINISHES.
6. REFER TO 'SCREEN WALL - SIMILAR TYPE SCHEDULE' FOR SIZES OF SIMILAR SCREEN WALL ASSEMBLIES THAT ARE NOT SPECIFICALLY DEPICTED IN ELEVATION VIEW.
7. REFER TO 'SCREEN WALL - FIRE SEP SCHEDULE' & 'A201 - FIRE SEPARATION KEY PLANS, LEGENDS & DETAILS' FOR REQUIRED FIRE SEPARATION RATINGS FOR THE GLAZED WALL ASSEMBLIES LOCATED WITHIN A FIRE SEPARATION
8. GLAZED WALL ASSEMBLIES LOCATED IN FIRE SEPARATIONS ARE TO BE PROVIDED WITH SPRINKLER PROTECTION (BY OTHERS) FOR THE FULL DURATION OF THE REQUIRED F.R.R.

ABBREVIATIONS:

AB	- ALUMINUM BASE
AC	- ALUMINUM CAP
AP	- ALUMINUM PANEL
AR	- ALUMINUM RAIL
AS	- ALUMINUM SILL
ACP	- ALUMINUM CORNER PANEL
ACS	- ALUMINUM CONTOUR SILL PANEL
DO	- DOOR OPERATOR
DA	- DOOR ADAPTOR
HMB	- HOLLOW METAL BASE
HMP	- HOLLOW METAL PANEL
IMP	- INTERNAL MULLION PANEL
IME	- INTERNAL MULLION EXTENSION
IMR	- INTERNAL MULLION REINFORCING
OV	- OPENING VENT C/W INSECT SCREEN
RCM	- REMOVABLE CENTER MULLION
RO	- ROUGH OPENING
SSG	- STRUCTURAL SILICONE GLAZING
TH	- THERMALLY BROKEN THRESHOLD
VIS	- VISUAL IMPEDIMENT STRIP

REFER TO SPECIFICATION SECTION 08 80 00 - GLAZING FOR GL TYPES.

GLAZING TYPE LEGEND:

GL-1 (TYPICAL INSULATED EXTERIOR:)
6mm CLEAR TEMPERED EXTERIOR LITE,
LOW-E COATING ON SURFACE #2,
ARGON FILLED AIR SPACE,
6mm CLEAR TEMPERED INTERIOR LIGHT,
25mm OVERALL THICKNESS.

GL-2 (TYPICAL AT ENTRANCE DOORS)
6mm CLEAR TEMPERED EXTERIOR LITE,
LOW-E COATING ON SURFACE #2,
ARGON FILLED AIR SPACE, 7mm CLEAR
LAMINATED SAFETY GLASS INTERIOR LITE,
25mm OVERALL THICKNESS.

Door & Frame Schedules

Door Schedule / Frame Schedule

NUMBER	TYPE	SIZE (WxHxT)	MATERIAL	FINISH	GLAZING	FRR	PROFILE	FINISH	MATERIAL	FRR	HDWE	REMARKS
001A	C	950 x 2150 x 57	AL	PF	GL-2	-	1	FF	AL	-		LOCKSET, EDO, BFPB, EPR, EDS, EDC, T, W
001B	C	950 x 2150 x 45	HM	PT			3	PT	HM			Passage, EDO, BFPB
003	B	950 x 2150 x 45	HM	PT			3	PT	HM			LOCKSET, EDS, EDO, BFPB, PTI, EMERGENCY ALARM, UNIVERSAL WASHROOM HARDWARE PACKAGE
005	A	950 x 2150 x 57	AL	FF	GL-2	-	1	FF	AL	-		LOCKSET, EPR, EDS, EDC, T, W
006	B	950 x 2150 x 45	HM	PT			3	PT	HM			Passage
008	A	950 x 2150 x 57	AL	FF	GL-2	-	1	FF	AL	-		LOCKSET, EDO, BFPB, EPR, EDS, EDC, T, W
009	B	950 x 2150 x 45	HM	PT			3	PT	HM			Passage
010	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC
011	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PRIVACY, Rubber Door Sweeps
012	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC
013	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PRIVACY, Rubber Door Sweeps
014	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC
014B	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			LOCKSET, EDC, T, W
015	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PRIVACY, Rubber Door Sweeps
016	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC
017	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PRIVACY, Rubber Door Sweeps
018	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC
019	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PRIVACY, Rubber Door Sweeps
021	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PASSAGE
022	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC, EPR, EDS, EDC
023	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC, EPR, EDS, EDC
024	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC, EPR, EDS, EDC
025	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC, EPR, EDS, EDC
026	B	950 x 2150 x 45	HM	PT	-	45	3	PT	HM	45		LOCKSET, OHC, EPR, EDS, EDC
027A	B	950 x 2150 x 45	HM	PT	-	60	3	PT	HM	60		PASSAGE, ED, OHC
027B	B	950 x 2150 x 45	HM	PT	-	60	3	PT	HM	60		PASSAGE, ED, OHC
027C	B	950 x 2150 x 45	HM	PT	-		2	PT	HM			LOCKSET, EPR, EDS, EDC, T, W
027D	B	950 x 2150 x 45	HM	PT	-		2	PT	HM			LOCKSET, EPR, EDS, EDC, T, W
028	B	2000 x 2150 x 45	HM	PT	-		3	PT	HM			PASSAGE
030	B	2000 x 2150 x 45	HM	PT	-		3	PT	HM			PASSAGE
031	B	950 x 2150 x 45	HM	PT	-		3	PT	HM			PASSAGE
032	B	2000 x 2150 x 45	HM	PT	-		3	PT	HM			PASSAGE
OH-1		4270 x 4270 x 35			-					-		HIGH SPEED OVERHEAD DOOR AS SPECIFIED
OH-2		4270 x 4270 x 35			-					-		HIGH SPEED OVERHEAD DOOR AS SPECIFIED
OH-3		4270 x 4270 x 35			-					-		HIGH SPEED OVERHEAD DOOR AS SPECIFIED
OH-4		4270 x 4270 x 35			-					-		HIGH SPEED OVERHEAD DOOR AS SPECIFIED

ABBREVIATIONS:

BFPB	- ALUMINUM BASE
ED	- EXIT DEVICE
EDC	- ELECTRONIC DOOR CONTACT
EDO	- ELECTRONIC DOOR OPERATOR
EDS	- ELECTRIC DOOR STRIKE
EPR	- ELECTRONIC PROXIMITY READER (CARD READER)
OHC	- OVERHEAD CLOSER
T	- THRESHOLD
W	- WEATHERSTRIPPING

NOTE:

- DOOR HARDWARE AND FINISHING HARDWARE TO BE PROCURED VIA CASH ALLOWANCE PER THE PROCUREMENT DOCUMENTS AND SPECIFICATIONS. HARDWARE SCHEDULE TO BE PROVIDED TO CONTRACTOR AFTER AWARD.
- ELECTRICAL AND ACCESS CONTROL COMPONENTS INCLUDING DOOR CONTACTS TO BE PROVIDED AS PART OF THE ESA WORK.
- AUTOMATIC DOOR OPERATORS, BARRIER FREE PUSH BUTTONS AND UNIVERSAL WASHROOM PACKAGE TO BE INCLUDED IN THE BASE BID.
- ACCESS CONTROL AND SECURITY COMPONENTS AND POWER DOOR OPERATORS TO BE COORDINATED WITH THE SCOPE OF ELECTRICAL AND SECURITY.

DOOR PANEL TYPES:

A ALUMINUM THERMALLY BROKEN

B HOLLOW METAL

C HOLLOW METAL

FRAME PROFILES:

1 ALUMINUM FRAME, THERMALLY BROKEN

2 HOLLOW METAL FRAME, THERMALLY BROKEN

3 HOLLOW METAL FRAME, CMU - BUTT RATED OR NON-RATED

No.	Revision	Date
10	Addendum #4	2024_04_04
9	Addendum #2	2024_03_18
8	Issued for Tender	2024_02_23
7	Issued for 100% Contract Documents	2023_11_24
6	Issued for 95% Contract Documents	2023_11_10
5	Issurd For Buiulding Permit	2023_11_07
4	Issued For Site Plan Re-Submission	2023_11_07
3	Issued for 75% Contract Documents	2023_10_13
2	Issued for Progress	2023_09_25
1	Issued for 100% Design Development	2023-06-27

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon
architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information

Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For

Barrie Fire and Emergency Services

Drawing Title

Curtain Wall Elevations / Door & Frame Schedules

Date	Project No	Drawing No
2024_04_04	22030	A303
Drawn by: Author		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-4 4:38:11 PM

REFLECTED CEILING PLAN NOTES:

1. CO-ORDINATE FULLY WITH MECHANICAL & ELECTRICAL DRAWINGS & SPECIFICATIONS TO ENSURE PROPER PLACEMENT OF ALL LIGHTS, GRILLES, EXHAUST FANS, DIFFUSERS ETC. RELATING TO THE REFLECTED CEILING PLAN LAYOUT.
2. ENCLOSE ALL EXPOSED STEEL STRUCTURE SUPPORTING FLOOR LOADS WITH (2)-LAYERS OF 16mm FIRE-RATED GYPSUM WALL BOARD ON METAL FRAMING ASSEMBLY TO PROVIDE A (1)-HOUR FIRE RESISTANCE RATING. ALL DETAILS MUST COMPLY.
3. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF FIXTURES FLUSH WITH GYPSUM WALL BOARD CEILING AND REQUIRE CAREFUL FINISHING.

REFLECTED CEILING PLAN LEGEND:

- SUPPLY AIR DIFFUSER AS PER MECH. DWGs
- RETURN AIR DIFFUSER AS PER MECH. DWGs
- EXHAUST GRILLE AS PER MECH. DWGs
- SURFACE MOUNTED LUMINAIRE AS PER ELEC. DWGs
- RECESSED LUMINAIRE AS PER ELEC. DWGs
- RECESSED LIGHT FIXTURE AS PER ELEC. DWGs
- WALL MOUNTED LIGHT FIXTURE AS PER ELEC. DWGs
- 610 x 1220 LAY-IN CEILING TILE
- RECESSED CEILING MOUNTED ELECTRIC HEATER AS PER MECH. DWGs

1 A701 Level 1 Reflected Ceiling Plan

1 : 75

No.	Revision	Date
11	Addendum #4	2024_04_04
10	Addendum #1	2024_03_11
9	Issued for Tender	2024_02_23
8	Issued for 100% Contract Documents	2023_11_24
7	Issued for 95% Contract Documents	2023_11_10
6	Issued For Building Permit	2023_11_07
5	Issued For Site Plan Re-Submission	2023_11_07
4	Issued for 75% Contract Documents	2023_10_13
3	Issued for Progress	2023_09_25
2	Design Development Approval	2023_08_25
1	Issued for 100% Design Development	2023-06-27

Orientation

PROJECT NORTH

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information

Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For

Barrie Fire and Emergency Services

Drawing Title

Reflected Ceiling Plan

Date	Project No	Drawing No
2024_04_04	22030	A701
Drawn by: Author		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-04 4:56:12 PM

GENERAL ABBREVIATION LIST:

(NOTE: NOT ALL ABBREVIATIONS ARE USED ON THIS PROJECT)

ACT	ACOUSTIC CEILING TILE
ACP	ALUMINUM COMPOSITE PANEL
ACS	ADULT CHANGE STATION
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
AVB	AIR VAPOUR BARRIER
BF	BARRIER FREE
BFPB	BARRIER FREE PUSH BUTTON
BLK	BLOCK
BLKG	BLOCKING
BL	BILLNOSE
BOL	BOLLARD
BRK/BLK	BRICK/BLOCK
CBD	CEMENT BOARD
CDX	CONCRETE DECK
CH	COAT HOOK
CK	CAULK
CLG	CEILING
COL.	COLUMN
CONC.	CONCRETE
CONST	CONSTRUCTION
CONT.	CONTINUOUS
CR	CARD READER
CRS	COURSE
CT	CERAMIC TILE
C/W	COMPLETE WITH
C.W.	CURTAIN WALL
CWD	COMPOSITE WOOD PANELS
DCS	DIAPER CHANGE STATION
DIA	DIAMETER
DIM	DIMENSIONS
DIVS.	DIVISIONS
DN	DOWN
DWGS	DRAWINGS
DS	DOOR STOP
ECR	ELECTRONIC CARD READER
ECS	EMERGENCY CALL STATION
EHO	ELECTRONIC HOLD OPEN
ELECT	ELECTRICAL
EPX	EPOXY FLOORING
EQ	EQUAL
ES	EXPOSED STRUCTURE
EXT	EXTERIOR
EW	EYE WASH
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN.	FINISH
FLR	FLOOR
FRR	FIRE RESISTANCE RATING
FT	FOOT/FEET
FS	FOLDING SEAT
GALV.	GALVANIZED
GB	GRAB BAR
GWB	GYPSUM WALL BOARD
HD	HAND DRYER
HB	HOSE BIBB
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ.	HORIZONTAL
HP	HIGH POINT
HPL	HIGH PRESSURE LAMINATE
HR	HAND RAIL
HRD	HAIR DRYER
HS	HAND SANITIZER DISPENSER
HSS	HOLLOW STEEL SECTION
HT	HEIGHT
HW	HEADWALL
HWC	HYGIENIC WALL CLADDING
HWS	HAND WASH SINK
IC	INTUMESCENT COATING
IFB	IMPREGNATED FIBREBOARD
INSUL.	INSULATION
JT	JOINT
JS	JANITOR SHELF
LF	LIGHT FIXTURE
LP	LOW POINT
M	MIRROR
MAX.	MAXIMUM
MECH	MECHANICAL
MIN.	MINIMUM
MM	MILLIMETERS
MPS	MOP SINK
MTD	MOUNTED
MTL	METAL
NC	NURSE CALL
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTRE
O.H.	OVERHEAD
OWSJ	OPEN WEB STEEL JOIST
PBL	PUSH BUTTON LOCK
PB	PUSH BUTTON
PCS	PIECES
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD (VENEER CORE)
PREFIN.	PREFINISHED
PREMANUF	PREMANUFACTURED
PRC	PRIVACY CURTAIN & ROD
PS	PULL STATION
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PTDWR	PAPER TOWEL DISPENSER & WASTE
RECEPTACLE	REFUSE/RECYCLING
RPT	PRESERVATIVE PRESSURE TREATED
R	RADIUS
RA	RETURN AIR
RA-X	ROOF ANCHOR
RBS	ROOM BOOKING SYSTEM
RC	SHOWER ROD & CURTAIN
RCB	RUBBER COVE BASE
RD	ROOF DRAIN
REL	RELOCATED
REQ'D	REQUIRED
RH	ROBE HOOK
RSD	RELIEF SCUPPER DRAIN
RS	ROLLER SHADES
S	LIQUID SOAP DISPENSER
SD	SOAP DISPENSER
SH	SHOWER HEAD
SHC	SHARPS CONTAINER
SC	SHOWER CONTROLS
SHC	SHOWER HEAD & CONTROL
SVC	SHOWER VALVE CONTROL BOX
SND	SANITARY NAPKIN DISPOSAL UNIT
SPECD	SPECIFIED
SPS	SOLID POLYMER SURFACE
S.S.	STAINLESS STEEL
STL	STEEL
STN	STONE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
TB	TACK BOARD
TEL	TELEPHONE
T.O.S.	TOP OF STRUCTURE
TP	TOILET TISSUE HOLDER
TWB	TOWEL BAR
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
UR	URINAL
U/S	UNDERSIDE
AVB	VAPOUR BARRIER
VERT.	VERTICAL
VEST	VESTIBULE
VPAB	VAPOUR PERMEABLE AIR BARRIER
W/	WITH
WB	WHITE BOARD
WB2	'WALL TALKER' WHITE BOARD
WC	WATER CLOSET
WD	WOOD
WR	WASHROOM
WPP	Wall Protection Cladding

EXTERIOR WALL TYPES:

SYMBOL	WALL TYPE	
EW1		**EXTERIOR WALL TYPE EW1:** 90mm BRICK VENEER 50mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 190mm CONCRETE MASONRY UNIT (CMU) (240mm WHERE INDICATED ON DRAWINGS)
EW2		**EXTERIOR WALL TYPE EW2: WASTE COLLECTION POINT** 90mm BRICK VENEER 50mm CONTINUOUS AIR SPACE MAX. -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 190mm CONCRETE MASONRY UNIT (CMU) NOTE: REFUSE/RECYCLING ENCLOSURE TO BE PRICED SEPARATELY AS PART OF PROVISIONAL PRICE # 13
EW3		**EXTERIOR WALL TYPE EW3:** 38mm HORIZONTAL PREFINISHED METAL SIDING THERMALLY BROKEN VERTICAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 190mm CONCRETE MASONRY UNIT (CMU) (240mm WHERE INDICATED ON DRAWINGS)
EW4		**EXTERIOR WALL TYPE EW4:** 52mm +/- ALUMINUM COMPOSITE PANEL 25mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 16mm GLASS MAT SHEATHING 152mm METAL STUD @ 406mm O.C. MAX
EW5		**EXTERIOR WALL TYPE EW5:** 38mm ALUMINUM METAL PANEL 25mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 190mm CONCRETE MASONRY UNIT (CMU)
EW6		**EXTERIOR WALL TYPE EW6: WASTE COLLECTION POINT** 38mm ALUMINUM METAL PANEL 25mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION -- CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRANE 190mm CONCRETE MASONRY UNIT (CMU) NOTE: REFUSE/RECYCLING ENCLOSURE TO BE PRICED SEPARATELY AS PART OF PROVISIONAL PRICE # 13

EXTERIOR WALL TYPE NOTES:

- UNLESS INDICATED OTHERWISE, EXTEND ALL PARTITIONS FULL HEIGHT TO UIS OF STRUCTURE.
- WALL TAGS WITH 'P' DESIGNATION DENOTES THE WALL TYPE IS SIMILAR AND IS USED IN PARAPET FRAMING

ROOF TYPES:

SYMBOL	WALL TYPE	
RF1		**ROOF TYPE RF1:** 38mm STANDING SEAM METAL ROOF (C/W EXPANSION CLIP SYSTEM) DRAINAGE MAT AS PER MANU. CONT. SELF-ADHERED W.P. MEMBRANE (BREATHABLE) 16mm GLASS MAT SHEATHING THERMALLY BROKEN GALVANIZED Z-GIRTS 150mm METAL STUD WITH MINERAL WOOL/POLYISOCYANURATE RIGID INSUL. (R-36 MIN.) CONTINUOUS AIR/VAPOUR BARRIER 13mm ROOF SHEATHING BOARD 76mm METAL DECKING ON STEEL STRUCTURE AS PER STRUC. DWGs - ENSURE CLIPS SYSTEM FOR METAL ROOF IS DIRECTLY FASTENED TO THE Z-GIRTS THROUGH THE GLASS MAT SHEATHING. - BUTYL TAPE SHALL BE APPLIED TO ALL SEAMS & CLIPS AS SPEC.
RF2		**ROOF TYPE RF2: WASTE COLLECTION POINT** 38mm STANDING SEAM METAL ROOF (C/W EXPANSION CLIP SYSTEM) DRAINAGE MAT AS PER MANU. 8mm PROTECTION BOARD (AT LOCATIONS WITH TAPERED INSULATION) TAPERED ROOF INSULATION (AT SOME LOCATIONS SEE ROOF PLAN FOR EXTENT) 13mm ROOF SHEATHING BOARD 38 mm METAL DECKING ON STEEL STRUCTURE AS PER STRUC. DWGs - ENSURE CLIPS SYSTEM FOR METAL ROOF IS DIRECTLY FASTENED TO THE Z-GIRTS THROUGH THE GLASS MAT SHEATHING. - BUTYL TAPE SHALL BE APPLIED TO ALL SEAMS & CLIPS AS SPEC. NOTE: REFUSE/RECYCLING ENCLOSURE TO BE PRICED SEPARATELY AS PART OF PROVISIONAL PRICE # 13

ROOF TYPE NOTES:

- ROOF VALUES INDICATED ON ASSEMBLY SHEET ARE FOR THE CITY OF BARRIE REFERENCE ONLY, REFER TO THE SPECIFICATION FOR SPECIFIC PRODUCTS AND REQUIREMENTS.

INTERIOR WALL TYPES:

SYMBOL	WALL TYPE	
P1		**INTERIOR WALL TYPE P1:** 90mm CONCRETE MASONRY UNIT (CMU)
P2		**INTERIOR WALL TYPE P2:** 140mm CONCRETE MASONRY UNIT (CMU)
P3		**INTERIOR WALL TYPE P3:** 190mm CONCRETE MASONRY UNIT (CMU)
P4		**INTERIOR WALL TYPE P4:** 240mm CONCRETE MASONRY UNIT (CMU)
P5		**INTERIOR WALL TYPE P5:** 290mm CONCRETE MASONRY UNIT (CMU)
P6		**INTERIOR WALL TYPE P6:** 16mm ABUSE-RESISTANT GYPSUM WALL BOARD 92mm METAL STUDS @ 406mm O.C. MAX. SOUND BATT INSULATION (FRICTION FIT WITHIN STUD SPACE)
P7		**INTERIOR WALL TYPE P7:** 1 HOUR FIRE RESISTANCE RATING 16mm TYPE 'X' GYPSUM WALL BOARD 92mm METAL STUDS @ 406mm O.C. MAX. FILL STUDS WITH MINERAL WOOL INSULATION 16mm TYPE 'X' GYPSUM WALL BOARD

PARTITION TYPE NOTES:

- METAL STUD SUPPLIER TO PROVIDE FOR ANY & ALL DEFLECTION IN THE DESIGN OF ALL METAL STUD PARTITIONS OR WALLS THROUGH-OUT THE ENTIRE PROJECT.
- UNLESS INDICATED OTHERWISE, EXTEND ALL PARTITIONS FULL HEIGHT TO UIS OF STRUCTURE.
- ALL R-VALUES INDICATED ON ASSEMBLY SHEET ARE FOR THE CITY OF BARRIE REFERENCE ONLY, REFER TO THE SPECIFICATION FOR SPECIFIC PRODUCTS AND REQUIREMENTS.
- REFER TO FLOOR PLAN FOR SIZE

GENERAL NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS [mm] UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND STRUCTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF WORK.
- THE SPECIFICATIONS, INSTALLATION, AND PERFORMANCE OF AIR BARRIER SYSTEMS AND VAPOUR BARRIERS MUST MEET OR EXCEED DIVISION B PART 5 OF THE LATEST VERSION OF THE ONTARIO BUILDING CODE.

STEEL STUD FRAMING & PARTITIONING:

- CONTRACTOR TO ENSURE THAT STEEL STUD THICKNESS, SIZE, AND SPACING IS ADEQUATE FOR THE HEIGHTS OF PARTITIONS INDICATED. ADD BRACING AS REQUIRED.
- PROVIDE FOR DEFLECTION ALLOWANCE [SLIP JOINT] AT TOP OF ALL WALLS ABUTTING ROOF STRUCTURE/DECK.

GYPSUM BOARD WALL & PARTITIONS:

- ALL GYPSUM BOARD & STEEL STUD WALLS AND PARTITIONS ARE TO EXTEND TO THE UNDERSIDE OF ROOF OR DECK UNLESS NOTED OTHERWISE. COORDINATE PARTITION TYPES WITH TOP OF WALL DETAILINGS.
- WHERE CONCRETE MASONRY UNIT PARTITION IS A STRUCTURAL BEARING WALL REFER TO THE STRUCTURAL DRAWINGS FOR DESIGN.

CONCRETE MASONRY UNIT (CMU):

- WHERE CONCRETE MASONRY UNIT WALLS ABUT REINFORCED CONCRETE WALLS AND PIERS, RACK BACK MORTAR JOINT WHERE THE TWO MATERIALS MEET PROVIDE CONTINUOUS SEALANT.

FIRE RATED WALL & PARTITION ASSEMBLIES:

- F.R.R. REFERS TO WALLS, PARTITIONS, FLOORS, AND CEILINGS THAT HAVE A FIRE RESISTANCE RATING.
- AT RECESSED PANEL INSTALLATIONS [E.G. ELECTRICAL PANELS] WITHIN RATED WALLS PROVIDE CONTINUITY OF THE REQUIRED RATING BEHIND THE PANEL. REFER TO THE LATEST VERSION OF THE ONTARIO BUILDING CODE, SECTION 3.1.9.1. FOR THE REQUIREMENTS FOR COMBUSTIBILITY OF SERVICE PENETRATIONS AND SECTION 3.1.10.2. FOR RATING OF FIREWALLS.

DUCT PENETRATIONS THROUGH BLOCK WALLS & FLOOR ASSEMBLIES:

- WHERE DUCTS, PIPES AND CONDUITS PENETRATE EXPOSED CONCRETE UNIT MASONRY WALLS, CUT BLOCKS TO SUITE REQUIRED OPENINGS TO MINIMIZE PATCHING.

BLOCKING FOR MILLWORK & SPECIALTIES:

- PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR MILLWORK AND CASEWORK.
- PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR HANDRAILS, GRAB BARS, BULLETIN BOARDS, WHITEBOARDS, MIRRORS, OTHER WALL MOUNTED MESSAGE BOARDS AND WASHROOM ACCESSORIES AS INDICATED ON DRAWINGS.

MASONRY VENEER:

- ENSURE THAT A CONTINUOUS AVB MEMBRANE IS MAINTAINED WHEREVER BRICK TIES PENETRATE EXTERIOR SHEATHING OR CONCRETE MASONRY UNIT.
- VERIFY WITH STRUCTURAL ENGINEER IF SHEAR CONNECTORS ARE REQUIRED FOR BRICK/BLOCK TIES.

ROOF ASSEMBLIES:

- UPSTANDS ON ROOF FOR MECHANICAL UNITS, PARAPETS, SKYLIGHTS TO COME COMPLETE WITH CANT STRIPS.
- CONTINUOUS VAPOUR RETARDER MEMBRANE COMPONENT OF ROOF ASSEMBLIES TO BE WRAPPED UP ON ALL PARAPETS, CURBS, EXTERIOR WALL ASSEMBLIES BY A MINIMUM OF 200mm OR AS DETAILED ON DRAWINGS. TIE INTO VAPOUR BARRIER AND AIR VAPOUR BARRIER MEMBRANES ON ALL VERTICAL SURFACES. PROVIDE 'PEEL & STICK' TYPE TRANSITION MEMBRANES IN ORDER TO ENSURE CONTINUITY OF AIR VAPOUR BARRIER AND AIR BARRIER MEMBRANES.

DRAWING SYMBOL LEGEND:

1 / A101	REFERENCE BUBBLE - DETAIL NUMBER (TOP) - SHEET NUMBER (BOTTOM)
1 / A101 (1, 2, 3, 4)	ELEVATION BUBBLE - SHEET NUMBER (MIDDLE) - VIEW NUMBERS (ALL FOUR SIDES)
1 / A101	SECTION BUBBLE - DETAIL NUMBER (TOP) - SHEET NUMBER (BOTTOM)
Room name / 101	ROOM TAG - ROOM NAME (ABOVE SYMBOL) - ROOM NUMBER (WITHIN SYMBOL)
101	DOOR TAG (ASSOCIATED TO ROOM NUMBER) - DOOR NAME (WITHIN SYMBOL)
CW101	CURTAIN WALL TAG - CURTAIN WALL NUMBER (WITHIN SYMBOL)
S101	INTERIOR SCREEN TAG (ASSOCIATED TO ROOM NUMBER) - SCREEN NUMBER (WITHIN SYMBOL)
	WINDOW TAG - WINDOW NUMBER (WITHIN SYMBOL)
MAT / HEIGHT	CEILING TAG - CEILING MATERIAL (TOP) - CEILING HEIGHT A.F.F. (BOTTOM)
11	WALL TAG (REFER TO WALL TYPE SCHEDULE) - WALL TYPE (WITHIN SYMBOL)
Length / Length/min	PATH OF TRAVEL TAG - DISTANCE/LENGTH (TOP) - TIME BASED ON 4.8km/h (BOTTOM)

No.	Revision	Date
11	Addendum #4	2024_04_04
10	Issued for Tender	2024_02_23
9	Issued for 100% Contract Documents	2023_11_24
8	Issued for 95% Contract Documents	2023_11_10
7	Issud For Building Permit	2023_11_07
6	Issued For Site Plan Re-Submission	2023_11_07
5	Issued for 75% Contract Documents	2023_10_13
4	Issued for Progress	2023_09_25
3	Design Development Approval	2023_08_25
2	Issued for Site Plan Application	2023-08-01
1	Issued for 100% Design Development	2023-06-27

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information

Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For

Barrie Fire and Emergency Services

Drawing Title

Abbreviations, Wall & Roof Types And General Notes

Date	Project No	Drawing No
2024_04_04	22030	A001
Drawn by: JM/BB		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-05 4:32:48 PM

4 A404 1 : 10

5 A404 1 : 10

8 A404 1 : 10

6 A404 1 : 10

1 A404 1 : 25

NOTE: REFER TO STRUC. DWGs FOR ALL STEEL REINFORCING

2 A404 1 : 25

NOTE: REFER TO STRUC. DWGs FOR ALL STEEL REINFORCING

3 A404 1 : 25

NOTE: REFER TO STRUC. DWGs FOR ALL STEEL REINFORCING

7 A404 1 : 25

No.	Revision	Date
10	Addendum #4	2024_04_04
9	Addendum #2	2024_03_18
8	Issued for Tender	2024_02_23
7	Issued for 100% Contract Documents	2023_11_24
6	Issued for 95% Contract Documents	2023_11_10
5	Issuz For Building Permit	2023_11_07
4	Issued For Site Plan Re-Submission	2023_11_07
3	Issued for 75% Contract Documents	2023_10_13
2	Issued for Progress	2023_09_25
1	Design Development Approval	2023_08_25

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon
architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information

Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For

Barrie Fire and Emergency Services

Drawing Title

Wall Sections

Date	2024_04_04	Project No	22030	Drawing No	A404
Drawn by	Author				
Scale	As indicated				

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-05 4:32:53 PM

No.	Revision	Date
8	Addendum #4	2024_04_04
7	Addendum #2	2024_03_18
6	Issued for Tender	2024_02_23
5	Issued for 100% Contract Documents	2023_11_24
4	Issued for 98% Contract Documents	2023_11_10
3	Issurd For Buiulding Permit	2023_11_07
2	Issued For Site Plan Re-Submission	2023_11_07
1	Issued for 75% Contract Documents	2023_10_13

Orientation

Seal

ONTARIO ASSOCIATION OF ARCHITECTS
GERRY P. PILON
LICENCE
5042

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon
architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information
Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For
Barrie Fire and Emergency Services

Drawing Title
Wall Sections

Date	Project No	Drawing No
2024_04_04	22030	A405
Drawn by: Author		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-05 4:32:58 PM

3 A406 1 : 25

1 A406 1 : 25

2 A406 1 : 10

7 A406 1 : 10

6 A406 1 : 10

8 A406 1 : 10

5 A406 1 : 10

No.	Revision	Date
7	Addendum #4	2024_04_04
6	Issued for Tender	2024_02_23
5	Issued for 100% Contract Documents	2023_11_24
4	Issued for 95% Contract Documents	2023_11_10
3	Issued For Building Permit	2023_11_07
2	Issued For Site Plan Re-Submission	2023_11_07
1	Issued for 75% Contract Documents	2023_10_13

Orientation

Seal

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

© Copyright Reserved:
These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc.
They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information
Barrie Fire Station 6

845 Mapleview Drive East, Barrie Ontario

For
Barrie Fire and Emergency Services

Drawing Title
Wall Sections

Date	Project No	Drawing No
2024_04_04	22030	A406
Drawn by: Author		
Scale: As indicated		

BIM 360://22030 - Barrie Fire Station 6/22030 - Barrie Fire 6_R20.rvt
2024-04-05 4:33:01 PM

1 General

1.1 **SECTION INCLUDES**

.1 Design, labour, Products, equipment and services necessary for manually operated overhead coiling doors Work in accordance with the Contract Documents.

1.2 **REFERENCES**

.1 ASTM A653/A653M, Standard Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot Dip Process.

.2 ASTM D523, Test Method for Specular Gloss.

.3 ASTM D822, Practice for Conducting Tests on Paint and Related Coatings and Materials using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus.

.4 CAN/CSA-G40.20/G40.21-M, General Requirements for Rolled or Welded Structural Quality Steel/ Structural Quality Steels.

.5 CAN/CSA G164-M, Hot Dip Galvanizing of Irregularly Shaped Articles.

1.3 **DESIGN REQUIREMENTS**

.1 Door to be raised and lowered by manual push-up operation.

.2 Counter balance to be oil tempered, helical springs designed for 20,000 cycles.

1.4 **SUBMITTALS**

.1 Product data:
- .1 Submit duplicate copies of manufacturer's Product data in accordance with Section 01 30 00 indicating:
  - .1 Performance criteria, compliance with appropriate reference standard(s), characteristics, limitations, and trouble-shooting protocol.
  - .2 Product transportation, storage, handling and installation requirements.

.2 Shop drawings:
- .1 Submit shop drawings in accordance with Section 01 30 00 indicating:
  - .1 Elevations, sections, details, materials, operating components, dimensions, gauges, finishes, arrangement of hardware, required clearances, and relationship to adjacent construction.
  - .2 Complete engineering design data confirming that Products meet design criteria specified.

.3 Closeout submittals:
- .1 Submit following for incorporation into Operations and Maintenance Manuals in accordance with Section 01 30 00:
  - .1 Identification: Manufacturing name, type, year, and serial number.

.2 Performance criteria and maintenance data.
.3 Operating instructions and precautions.
.4 Safety precautions.
.5 Component parts availability including names and addresses of spare part suppliers.
.6 Lubrication schedule indicating lubrication points and type of lubricant recommended.

1.5 **QUALITY ASSURANCE**

.1 Perform Work of this Section by a company that has a minimum of five years proven experience in the installation of overhead coiling doors of a similar size and nature and that is approved by manufacturer. Submit to Consultant, applicator's current certificate of approval by the material manufacturer as proof of compliance.

1.6 **EXTENDED WARRANTY**

.1 Submit a extended warranty for Work of this Section in accordance with General Conditions, except that warranty period is extended to 3 years from date of Substantial Performance of the Work.
.1 Warrant against failure to meet design criteria and specified requirements.
.2 Coverage: Complete replacement including affected adjacent Work.

2 Products

2.1 **ACCEPTABLE PRODUCTS AND MANUFACTURERS**

.1 900 Series by Wayne Dalton.

.2 Approved alternative by Overhead Door Corporation, or Richards Wilcox.

.3 Approved alternative

2.2 **MATERIALS**

.1 Steel angles, shapes, plates, and similar items: CAN/CSA-G40.20/G40.21-M, Grade 350W.

.2 Galvanized steel sheet: commercial quality to ASTM A653/A653M with Z275 zinc coating. Minimum sheet thickness to be 0.5 mm.

.3 Weather stripping:
.1 Sills: bulb type full width extruded neoprene weatherstrip.
.2 Jambs and head: extruded aluminum and arctic grade vinyl weatherstrip to manufacturer's standard.

2.3 **HARDWARE**

.1 Brackets: Fabricated from 6 mm steel plate, with sealed ball bearings on the operating side.

.2 Guides: Fabricated from structural steel, complete with integral windlock bar, of sufficient depth to retain curtain to meet design criteria. Provide vinyl guide weatherstrip on operating side.

.3 Spring counter balance: heavy duty oil tempered torsion spring with manufacturers standard brackets.
- .1 Drum: Die cast aluminum, size as recommended by door manufacturer to suit intended application.
- .2 Shaft: 25 mm diameter solid steel.

.4 Hood: Minimum 0.60 mm galvanized steel sheet.

.5 Locking hardware: Manufacturer's standard locking slide bolts.

2.4 **FABRICATION**

.1 Coiling door curtain interlocking slat sections: to be a combination of two styles as follows:
- .1 No. 17 flat faced slat: 0.6 mm thick (24 ga.) steel.
- .2 Secur-Vent perforated slats: 0.6 mm thick (24 ga.) steel, 1.6 mm diameter hole offering 20 to 25% open area over length of slat, in location as indicated on Drawings.

.2 Rivet continuous end locks to slat ends.

.3 Provide bottom bar of sloped structural steel angles.

.4 Form guides of metal angles of sections of 6 mm minimum thickness for between jambs installation.

.5 Construct counterbalance assembly of heat treated torsion spring with 25% overload factor. Enclose spring in steel pipe to support door curtain and counterbalance mechanism. Provide ball bearings at rotating points. Provide spring tension adjusting wheel, accessible for setting.

.6 Support counterbalance assembly on 6 mm minimum thickness steel plate brackets, forming end enclosures.

.7 Enclose counterbalance assembly with galvanized steel sheet formed hood.

2.5 **FINISHES**

.1 Prefinish sheet steel: 2 coat factory applied silicone modified polyester conforming to the following:
- .1 Colour: To be selected by Consultant from manufacturer's standard range.
- .2 Specular gloss: 30 units +/- 5 in accordance with ASTM D523.
- .3 Coating thickness: Not less than 25 micrometres.
- .4 Resistance to accelerated weathering for chalk rating of 8, colour fade 5 units or less and erosion rate less than 20% to ASTM D822 as follows:
  - .1 Outdoor exposure period 1000 hours.
  - .2 Humidity resistance exposure period 1000 hours.

.2 Steel: Hot dip galvanized in accordance with CAN/CSA G164-M.

3 Execution

3.1 **EXAMINATION**

.1 Verify condition and dimensions of previously installed Work upon which this Section depends. Report defects to Consultant. Commencement of Work means acceptance of existing conditions.

3.2 **INSTALLATION**

.1 Install doors as shown and in accordance with manufacturer's printed instructions.

.2 Fasten door guides and associated components securely to walls using anchors where required.

.3 Supply and install all necessary steel, brackets, clips, angles, supports, anchors, etc., which may be required to support the door and mechanisms.

.4 Erect door true to line with all hardware carefully and neatly applied. Make all necessary adjustments and leave door in proper working order.

.5 Adjust door operating components to ensure smooth opening and closing of doors.

3.3 **ERECTION TOLERANCES**

.1 Maintain dimensional tolerances and alignment with adjacent work and as follows:
- .1 Maximum variation and alignment from plum: 1.5 mm.
- .2 Maximum variation from level: 1.5 mm.
- .3 Longitudinal or diagonal warp: Plus or minus 3 mm per 3 m straight edge.

3.4 **FIELD QUALITY CONTROL**

.1 Testing: Test operate door and demonstrate the operation of same to the satisfaction of the Consultant.

.2 Adjust door operating components to ensure smooth opening and closing of doors.

END OF SECTION