Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/12/13

ALUMINUM STOREFRONT DOOR/FRAME TYPES

1/4" = 1'-0"

ALUMINUM STOREFRONT & WINDOW TYPES

1/4" = 1'-0"

SYMBOL LEGEND

T - TEMPERED GLASS, INSULATED AT EXTERIOR DOORS AND FRAMES, SINGLE GLAZED AT INTERIOR DOORS AND FRAMES.

S - SPANDREL GLASS, INSULATED AT EXTERIOR DOORS AND FRAMES, SINGLE GLAZED AT INTERIOR DOORS AND FRAMES.

DOOR AND FRAME NOTES:

1. ALL GLASS IN DOOR FRAMES TO BE SAFETY GLASS AND COMPLY WITH CPSC 16 CFR 1201.
2. ALL EXTERIOR GLASS TO BE 1" DOUBLE PANE THERMALLY INSULATED W/ LOW E GLAZING TO MATCH WINDOWS.
3. ALL DOORS AND FRAMES IN FIRE RATED WALL ASSEMBLIES TO BE U.L. LISTED MEETING OPENING PROTECTIVE REQUIREMENTS.
4. ALL FIRE-RATED DOOR ASSEMBLIES TO BE POSITIVE PRESSURE TESTED PER IBC SECTION 715.4.1

STOREFRONT & CURTAIN WALL NOTES:

1. ALL EXTERIOR FRAMES TO BE THERMALLY BROKEN.
2. ALUMINUM FRAME FINISH TO BE PRE-FINISHED, COLOR TBD.
3. ALL EXTERIOR GLASS TO BE 1" DOUBLE PANE THERMALLY INSULATED W/ LOW E GLAZING. INTERIOR GLASS TO BE 1/4" ANNEALED UNLESS NOTED OTHERWISE.
4. GLAZING ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKWAY SURFACE, SHALL BE TEMPERED
5. ALUMINUM EXTERIOR WINDOWS SHALL BE LABELED AS CONFORMING TO AAMA/NWWDA 101/I.S.S OR 101/I.S.2/NAFS LATEST EDITION.
6. SAFETY GLAZING SHALL COMPLY WITH CPSC 16 CFR 1201.
7. CURTAIN WALL SYSTEMS SHALL BE SELF SUPPORTING AND SPAN FULL HEIGHT OF OPENING. COORDINATE WITH STRUCTURAL DRAWINGS FOR ALLOWABLE ATTACHMENT LOCATIONS.
8. THERMAL PERFORMANCE: U-FACTOR = .38, SHGC = .27
9. STRUCTURAL PERFORMANCE: DESIGNED TO MEET WIND SPEED OF 100 MPH.

ALUMINUM CLAD WOOD WINDOW NOTES:

1. ALL EXTERIOR WINDOW FRAMES TO BE THERMALLY BROKEN.
2. ALL EXTERIOR OPERABLE WINDOWS TO BE CASEMENT WINDOWS.
3. ALUMINUM FRAME FINISH TO BE PRE-FINISHED, COLOR TBD.
4. EXTERIOR GLASS TO BE 1" DOUBLE PANE THERMALLY INSULATED W/ LOW E/ARGON GLAZING.
5. ALL EXTERIOR ALUMINUM CLAD WOOD WINDOWS SHALL HAVE NO EXTENSION JAMBS.
6. ALUMINUM EXTERIOR WINDOWS SHALL BE LABELED AS CONFORMING TO AAMA/NWWDA 101/I.S.S OR 101/I.S.2/NAFS LATEST EDITION.
7. SAFETY GLAZING SHALL COMPLY WITH CPSC 16 CFR 1201.
8. PROVIDE ALUMINUM CLAD EXTERIOR WITH INTERIOR WOOD FRAME.
9. THERMAL PERFORMANCE: U-FACTOR = .34, R-VALUE = 2.94, SHGC = .26, VLT = 0.46
10. STRUCTURAL PERFORMANCE: DESIGNED TO MEET WIND SPEED OF 100 MPH.
11. WINDOWS SHALL HAVE WINDOW OPENING CONTROL DEVICE TO LIMIT THE SASH OPENING TO 4".

HOLLOW-METAL BORROWED LITES NOTES:

1. ALL WINDOWS TO BE FIXED UNITS.
2. INTERIOR METAL FRAMES TO BE PAINTED ENAMEL. COLOR T.B.D.
3. INTERIOR GLASS TO BE 1/4" ANNEALED UNLESS NOTED OTHERWISE.
4. GLAZING ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKWAY SURFACE, SHALL BE TEMPERED
5. PROTECTED OPENINGS (DOORS & WINDOWS) IN RATED WALLS TO BE U.L. LISTED FRAMES AND GLAZING MEETING IBC OPENING PROTECTIVE REQUIREMENTS.
6. SAFETY GLAZING SHALL COMPLY WITH CPSC 16 CFR 1201.

CANOPY GLAZING:

GLAZING FOR CANOPY SHALL BE LAMINATED GLASS MEETING LOADING REQUIREMENTS OUTLINED IN IBC CHAPTER 24.

BASIC GROUND SNOW LOAD IS 50 PSF. CANOPY GLASS PANELS AND COMPONENTS SHALL BE DESIGNED TO SUPPORT A DRIFTING SNOW LOAD OF 100 PSF IN ADDITION TO THEIR SELF-WEIGHT.

GLAZING CONTRACTOR TO PROVIDED COMPLETE SHOP DRAWINGS INCLUDING BUT NOT NECESSARILY LIMITED TO SUPPORT BRACKETS, PANEL SIZE, ENGINEERING CALCULATIONS, ETC. FOR APPROVAL PRIOR TO FABRICATION.

LICENSED ARCHITECT
DONALD W. BLAJDA
No. 2936
STATE OF MAINE

REVISION SCHEDULE

DATE	REVISION DESCRIPTION	BY
05-15-13	ADDED "STOREFRONT" & "WINDOW" TO APPLICABLE UNIT LABELS REVISED DOOR/FRAME IV52 TO 9'-8" H.	
05-24-13	REVISED NOTATION AT WINDOW TYPE K TO CURTAIN WALL REVISED NOTATION AT DOOR IE14 TO CURTAIN WALL	
06-17-13	CHANGED DOOR IE12 TO DOUBLE DOOR	

COPECHEE
CONSTRUCTION CORPORATION
11 CORPORATE DRIVE, BELMONT NH 03220
PHONE (603)527-9090 FAX (603)527-9191

STOREFRONT & WINDOWS

PROJECT:
COMMERCIAL & MAPLE STREET
MIXED USE DEVELOPMENT
PORTLAND, ME

DATE: 05-09-13
SCALE: SEE PLAN
DRAWN BY: KPH

A20
SHEET:

© COPYRIGHT 2012 BY O.C.C.