## ABBREVIATIONS

FINISHED WOOD
DIMENSION LUMBER
FACE BRICK
RIGID INSULATION
CUT STONE
CONCRETE
CONCRETE BLOCK
STEEL IN SECTION
CAULKING
PLYWOOD
BATT INSULATION
GROUT
GLAZED TILE
MARBLE
ACOUSTICAL CEILING
SHIM PACK
ALUMINUM

DENOTES BLOCKING OR SHIM, NOT CONTINUOUS, NOT NECESSARILY ONE PIECE

DENOTES BACKER ROD OR CAULK ROPE

ANCHOR LOCATION

FASTENER LOCATION

DIMENSIONAL REFERENCE / ELEVATION

WORKING POINT

FIELD APPLIED SEALANT BY GLAZING SUB CONTRACTOR

SHOP DRILL

FIELD DRILL

GLAZING INDICATION NUMBER

DETAIL NUMBER
SHEET NUMBER

DETAIL TITLE
DETAIL DESCRIPTION
SCALE 6" = 1'-0"
ARCHITECTURAL REFERENCE: SHEET NO.
ARCHITECTURAL REFERENCE: DETAIL NO.

ELEVATION/PLAN/SECTION TITLE
ELEVATION

REVISION NO. (SMALL TRIANGLE)

DOOR NUMBER
DOOR XXX
HARDWARE SET: 8XX

ELEVATION LOCATION-VIEW POINT
ELEVATION MARK/TITLE
ELEVATION SHEET NUMBER

## MATERIALS AVAILABLE WHEN DRAWN

| YES | NO | | |
|---|---|---|---|
| ● | ○ | ARCHITECTURAL DRAWINGS | LATEST DATE: 10/05/2016 |
| ● | ○ | STRUCTURAL DRAWINGS | LATEST DATE: 10/20/2016 |
| ● | ○ | ADDENDUMS | NUMBERS: 4 / ASI-03 |
| ● | ○ | SPECIFICATIONS | |

## PRODUCTS USED

PRODUCT DESCRIPTION

| PRODUCT | WIDTH | DEPTH | FINISH | |
|---|---|---|---|---|
| EFCO SERIES 403 STOREFRONT | 2 | 4-1/2 | DRK BRONZE ANOD. | |
| EFCO SERIES 5600 CURTAIN WALL | 2-1/4 | 7 | DRK BRONZE ANOD. | |
| EFCO D500 SERIES WIDE STYLE DOORS | 5 | 1-3/4 | DRK BRONZE ANOD. | |

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## ABBREVIATIONS

| | | |
|---|---|---|
| A/C | = | ACCESS CONTROLLED |
| A.F.F. | = | ABOVE FINISHED FLOOR |
| B.O.H. | = | BOTTOM OF HORIZONTAL |
| B.O.S. | = | BOTTOM OF STEEL |
| ℄ | = | CENTER LINE |
| DIM. | = | DIMENSION |
| D.L.O. | = | DAYLIGHT OPENING |
| D.L. | = | DEAD LOAD (ANCHOR) |
| D.O. | = | DOOR OPENING |
| EL. | = | ELEVATION |
| E.O.G. | = | EDGE OF GLASS |
| F.S. | = | FRAME SIZE |
| F.F. | = | FINISHED FLOOR |
| G.C. | = | GENERAL CONTRACTOR |
| M.O. | = | MASONRY OPENING |
| M.L. | = | MULLION LENGTH |
| N.I.C. | = | NOT IN CONTRACT |
| N.T.S. | = | NOT TO SCALE |
| O.D. | = | OPENING DIMENSION |
| O.F.D. | = | OVERALL FRAME DIMENSION |
| REF. | = | REFERENCE |
| R.O. | = | ROUGH OPENING |
| T.B.D. | = | TO BE DETERMINED |
| T.O.F.F. | = | TOP OF FINISHED FLOOR |
| T.O.H. | = | TOP OF HORIZONTAL |
| T.O.S. | = | TOP OF SLAB |
| T.O.STL. | = | TOP OF STEEL |
| U.N.O. | = | UNLESS NOTED OTHERWISE |
| V.I.F. | = | VERIFY IN FIELD |
| W.C. | = | WEB CENTER |
| W.D. | = | WINDOW DIMENSION |
| W.L. | = | WIND LOAD (ANCHOR) |
| W.P. | = | WORKING POINT |

## GLASS SCHEDULE

GLAZING CONTRACTOR TO VERIFY CORRECT INSULATED GLASS MAKE UP AND CORRECT LOCATIONS ON ALL ELEVATIONS PRIOR TO ORDERING.

| SYMBOL | DESCRIPTION |
|---|---|
| TTIG-1 | VISION GLASS:<br>1" OA IGU: 1/4" PPG SOLARBAN 70XL (#2 SURFACE) OPTIGRAY TEMPERED, /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR TEMPERED |
| TIG-2 | VISION GLASS:<br>1" OA IGU: 1/4" PPG SOLARBAN 70XL (#2 SURFACE) SOLARGRAY H.S. /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR H.S. |
| TTIG-2 | VISION GLASS:<br>1" OA IGU: 1/4" PPG SOLARBAN 70XL (#2 SURFACE) SOLARGRAY TEMPERED /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR TEMPERED |
| DTIG-1 | VISION GLASS:<br>1" OA IGU: 1/4" PPG SOLARBAN 70XL (#2 SURFACE) OPTIGRAY H.S. /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR H.S. (SATIN ACID ETCH #3) |
| DTIG-2 | VISION GLASS:<br>1" OA IGU: 1/4" PPG SOLARBAN 70XL (#2 SURFACE) SOLARGRAY H.S. /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR H.S. (SATIN ACID ETCH #3) |
| CTG | VISION GLASS:<br>1" OA IGU: 1/4" CLEAR TEMPERED, /<br>1/2" AIRSPACE DRK BRZ SPACER, /<br>1/4" CLEAR TEMPERED |
| PNL | METAL PANEL: MAPES<br>1" INSULATED METAL PANEL |

## DESIGN CRITERIA

### WIND LOADS

CODE/STANDARD: IBC 2015

BASIC WIND SPEED: 115 MPH
RISK CAT. II AREAS E, F, G, H, &J

BASIC WIND SPEED: 120 MPH
RISK CAT. III AREAS A, B, C, &D

EXPOSURE CATEGORY: C
MEAN ROOF HEIGHT: 23'

WIND PRESSURE (PSF) 10FT²
TYPICAL WALL: 22.4 PSF
CORNER ZONES: 27.6 PSF

SNOW LOAD: 20 PSF

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### NOTES:

**ALLOWABLE DEFLECTION**

L/ 175
MAXIMUM: 3/4
FOR SPAN < 13'

L/ 240
MAXIMUM: 1/4
FOR SPAN > 13'

## SHOP DRAWINGS

## GLASS SIZE CALCULATION - N/A

REFERENCE MANUFACTURERS INSTALLATION INSTRUCTIONS.

| PRODUCT | D.L.O.+ | COMMENTS |
|---|---|---|
| - | | - |

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## SEALANT TYPE

REFERENCE MANUFACTURERS INSTALLATION INSTRUCTIONS.

| PRODUCT | COMMENTS |
|---|---|
| DOW CORNING 791 | |

## FINISH SCHEDULE

○ MILL FINISH
○ CLEAR ANODIZED
● DARK BRONZE
○ PAINTED
-

DESCRIPTION:

## GENERAL NOTES

1. THE GLAZING SUB-CONTRACTOR WILL ASSUME NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.
2. THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE GLAZING SUB-CONTRACTORS QUOTATION OR PER AN ACCEPTED CHANGE ORDER AND OTHER APPLICABLE CONTRACT DOCUMENTS.
3. FINAL APPROVAL BY THE GENERAL CONTRACTOR CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS TO THE CONTRACT DOCUMENTS MADE BY THE GLAZING SUB-CONTRACTOR IN THESE DRAWINGS.
4. THESE DRAWINGS REPRESENT THE GLAZING SUB-CONTRACTORS INTERPRETATION OF THE APPLICATION OF PRODUCTS TO THIS PROJECT IN FUNCTIONAL COMPLIANCE WITH THE ARCHITECTS DRAWINGS AND SPECIFICATIONS. IT IS IMPORTANT THAT THIS INTERPRETATION BE REVIEWED DIMENSIONALLY AND FUNCTIONALLY WITH RESPECT TO ACTUAL ARCHITECT INTENT, INTERFACING CONDITIONS, MATERIALS AND JOB SITE CONDITIONS.
5. ALL DIMENSIONS SHALL BE APPROVED BY THE GENERAL CONTRACTOR PRIOR TO GLASS ORDERING AND FABRICATION. THE GLAZING SUB-CONTRACTOR WILL ASSUME NO RESPONSIBILITY FOR DIMENSIONAL ERRORS OR CHANGES RESULTING FROM FIELD CONDITIONS.
6. PROJECT MATERIALS MUST BE PROTECTED IMMEDIATELY FROM STAINING BY WET CARDBOARD PAPER AND FROM THE ACTION OF HARSH ALKALIS AND SAND IN CONCRETE, STUCCO, MORTAR OR PLASTER. THE SETTING OF THE PROJECT MATERIALS REQUIRES GENERAL CONTRACTOR TO CLOSELY SUPERVISE OTHER TRADES SO AS TO PREVENT MARRING OR DISCOLORATION FROM ANY CAUSE.
7. ALL GASKET JOINTS, BUTT JOINTS, LAP JOINTS, HEEL BEADS, TOE BEADS AND CAP BEADS SHOULD BE SEALED WATERTIGHT FOLLOWING SEALANT MANUFACTURER RECOMMENDATIONS AS TO SIZE, METHOD OF APPLICATION AND COMPATIBILITY WITH ADJOINING MATERIAL.
8. ALL GLASS AND FINISHED MATERIAL MUST BE PROTECTED DURING WELDING OPERATIONS, FIREPROOFING OR ANY OTHER PROCESS THAT MAY BE HARMFUL TO THE APPEARANCE OR PERFORMANCE OF THE PROJECT MATERIALS.
9. THE ROUGH OPENINGS PROVIDED MUST BE SQUARE AND WITHIN SPECIFIED BUILDING TOLERANCES.
10. PERIMETER FASTENERS AND SUBSTRATE MUST BE CAPABLE OF WITHSTANDING REACTION FORCES IMPOSED BY WIND AND/OR DEAD LOAD. A LICENSED ENGINEER WILL PROVIDE STAMPED CALCULATIONS ONCE THE 1ST SUBMITTAL IS RETURNED "APPROVED AS NOTED" FROM THE ARCHITECT, ENGINEER OF RECORD, AND GENERAL CONTRACTOR.
11. LAWS AND BUILDING AND SAFETY CODES GOVERNING THE DESIGN AND USE OF GLAZING ENTRANCE, WINDOW AND CURTAIN WALL PRODUCTS VARY WIDELY. THE GLAZING SUB-CONTRACTOR DOES NOT CONTROL THE SELECTION OF PRODUCT CONFIGURATIONS, OPERATING HARDWARE OR GLAZING MATERIALS AND ASSUMES NO RESPONSIBILITY.

## SHEET INDEX


| NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|
| 100 | COVER SHEET | | |
| 101 | SPECIFICATION SHEET | | |
| 201-208 | FLOOR PLAN SHEETS | | |
| 301-313 | ELEVATION SHEETS | | |
| 401-411 | DETAIL SHEETS | | |


| REV. | DATE: | DESCRIPTION: |
|---|---|---|
| 1 | 1/25/2017 | REVISED PER ARCH/GC RETURN DWGS 1/19/2017 |
| 2 | 2/27/2017 | REVISED PER ENGINEERING CALCULATIONS |

PROJECT NAME:
ADDRESS:
CUSTOMER:
ARCHITECT:
DATE:
DRAWN BY: MRN
CHECKED BY:
DRAWING TYPE:


cap drafting
2950 S. WYANDOT STREET
ENGLEWOOD, CO. 80110
P: 303-761-5452
WWW.CAPINC.BIZ


SHEET 101