SAMPLE PROJECT-PH.2

SAMPLE BLDGS.

CURTAIN WALL, ENTRANCES & WINDOW SUBMITTAL XYZ -JOB# 1234-56

SOMEWHERE, USA

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37	TOTAL NUMBER OF SHTS. IN THIS SET OF DWGS.

SYMBOLS & ABBREVIATIONS:

C.W.	CURTAIN WALL	N.B.X.	NOT BY XYZ
DLO	DAYLIGHT OPENING	N.B.Y.	NOT BY ZYX
D.O.	DOOR OPENING	ABC	ABC INC.
D.F.O.	DOOR FRAME OPENING	V.I.F.	VERIFY IN FIELD
DLR	DEAD LOAD REACTION		4 BAR HINGE
F.D.	FRAME DIMENSION		CAM HANDLE
F.F.	FINISH FLOOR		PULL HANDLE
I.S.	INSIDE		COLUMN LINE
M.O.	MASONRY OPENING		DETAIL NUMBER
MULL.	MULLIONS		SHEET NUMBER
M.L.	MULLION LENGTH		
O.D.	OPENING DIMENSION		
O.H.	OPPOSITE HAND		
O.S.	OUTSIDE		ELEVATION IDENTIFICATION
R.D.	REFERENCE DIMENSION		
R.O.	ROUGH OPENING		WIND LOAD ANCHOR CLIP
T	TEMPERED		
TGO	TOTAL GLASS OPENING		DEAD LOAD ANCHOR CLIP
TYP.	TYPICAL		
WD	WINDOW DIMENSION		SEALANT
WLR	WIND LOAD REACTION		
W.P.	WORK POINT		FASTENERS
U.N.O.	UNLESS NOTED OTHERWISE		

GENERAL NOTES:

1. ALUMINUM FRAMING:
   CURTAIN WALL – ABC WALL (2 1/2" x 7 1/2")
   WINDOWS – XYZ SERIES 123 FIXED & 456 CASEMENT–OUT
   – XYZ SERIES 789 CASEMENT–OUT (IN CW2)
2. DOORS: XYZ, MEDIUM STILE W/ 10" BOTT. RAIL & 3" TOP RAIL
3. HARDWARE: SEE HARDWARE SCHEDULE
   FURNISHED BY ABC AND INSTALLED BY ABC
4. FINISHES: CLEAR ANODIZED, BLACK ANODIZED & ABC SAMPLE "UC 352"
   – COLONIAL GRAY PAINT. (SEE ELEVATIONS FOR LOCATION)
5. GLASS: SEE GLASS SCHEDULE
   TEMPERED GLASS WHERE SHOWN ON ELEVATIONS OR AS REQ'D.
   BY CODE – ALL GLASS BY ABC AS APPROVED BY ARCHITECT
6. EXT. PERIMETER SEALANTS: AS SELECTED AND APPROVED BY ABC / ARCHITECT
7. SEALANT BACKERS: AS SELECTED BY ABC
8. TEMPORARY PROTECTION IF REQ'D IS NOT BY ABC, D.E.F. & G.H.I.
9. FINAL CLEANING OF ALL GLASS & METAL NOT BY ABC, N.B.X. & N.B.Y.
10. FLASHING: CLEAR ANODIZED FINISH x SHAPE AS DETAILED BY ABC
11. ALUM. BRAKE TRIM: CLEAR ANODIZED FINISH x SHAPE AS DETAILED BY ABC
12. FOR ADDITIONAL INFORMATION, REFER TO XYZ INC. INSTALLATION DRAWINGS
13. WHERE CLIPS ARE USED, APPLY SEALANT TO ALL CLIPS AND TUBE ENDS
14. WHERE SCREW SPLINE SYSTEM IS USED, APPLY SEALANT TO ENDS OF MEMBERS
15. OPERABLE WINDOWS: ABC SERIES 1234 & 456 x 2 1/4" & 3 1/4" DEPTHS
16. BUTT JOINTS: STRUCTURAL & WEATHER SEAL SILICONE SEALANT BLACK
17. WINDOW HARDWARE PROVIDED BY & INSTALLED BY ABC INC.
    SEE WINDOW ELEVATIONS FOR SCHEDULE
18. SCREENS ❶ OPERABLE WINDOWS ONLY BY & INSTALLED BY ABC
19. PRE–FORMED ALUM PAN: 0.060" CLEAR ANODIZED FINISH x SHAPE AS DETAILED BY ABC

HARDWARE SCHEDULE:

BY ABC INCORPORATED

HDWR SET: AL–01, EXTERIOR PAIR OF DOOR#s: 4400A

2	TOP–BTM PIVOT SET	1234	626 GHI
4	INTERMEDIATE PVT	1234–INT	626 GHI
2	OFFSET PUSH/PULL SET	AB15647–2 x T1HD 32–1/4"	630 JKL
2	MX–500 OPER UNIT	MAX00 TECH MX500	628 JKL
2	FLOOR DOOR STOP	467	BLK MNO
1	STD THRESHOLD 1/2"	123S 72"	719 MNO
1	SET SEALS		BY XYZ
1	DOOR BOTTOM SEAL	A–123	XYZ
1	ADJUSTABLE ASTRAGAL	AB–3	XYZ

HDWR SET: AL–02, INTERIOR VESTIBULE IN–SWING PAIR OF DOOR#s: 1234B

2	TOP–BTM PIVOT SET	1234	626 JKL
4	INTERMEDIATE PVT	1234–INT	626 JKL
2	POWER TRANSFER	ABC–10	689 MNO
1	CVR PANIC DEVICE	ABCD3547A–EO 3" EXT	628 MNO
1	CVR PANIC DEVICE	ABCD3547A–NLOP 3" EXT	628 MNO
1	SFIC CONSTR CORE	1CC–7A2	F/P PQR
1	SEIC KEY CYLINDER	1E72 LC	626 TUV
2	OFFSET PULL 1"DIA	BF166 12HD	630 TUV
2	MX–500 OPER UNIT	MAX0 TECH MX500	628 TUV
2	FLOOR DOOR STOP	FS442	626 MNO
1	STD THRESHOLD 1/2"	513 72"	719 MNO
1	POWER SUPPLY EL	PS873–2	GRY MNO
1	SET SEALS		BY XYZ
2	DOOR BOTTOM SEAL	V–231	XYZ
1	ADJUSTABLE ASTRAGAL	AS–6	XYZ

ARCH'T / C.M. NOTE:
BECAUSE NEW INFORMATION IS ARRIVING FREQUENTLY (IE: ASKs, SSKs, CCDs, RFIs, ASIs), THE DESIGN TEAM NEEDS TO REVIEW THESE DRAWINGS & VERIFY THAT ALL OF YOUR UPDATE INFORMATION IS INCORPORATED IN YOUR MARK–UP REVIEW

GLASS SCHEDULE:

Ⓐ = 1" INSULATED VISION GLASS
(1/4" CLEAR FLOAT WITH LOW E COATING ON #2. 1/2" A.S., 1/4" CLEAR FLOAT)

Ⓐ^{T} = 1" INSULATED TEMPERED GLASS
(1/4" CLEAR TEMPERED WITH LOW E COATING ON #2. 1/2" A.S., 1/4" CLEAR TEMPERED)

Ⓑ = 1" INSULATED SPANDREL GLASS
(1/4" CLEAR HEAT STRENGTHENED WITH LOW E COATING ON #2, 1/2" A.S., 1/4" HEAT STRENGTHENED OPAQUE SPANDREL GLASS CERAMIC FRIT #4 SURFACE) ARCH'T TO SELECT FRIT COLOR

ARCH'T / C.M. & A.B.C. NOTE:
ALL WINDOW FRAMING IS TYPICALLY CLEAR ANODIZED UNLESS OTHERWISE SPECIFIED ON DETAILS AS " BA " (BLACK ANODIZED)

ALL TYPICAL CURTAIN WALL SNAP COVERS & MULLIONS ARE TO BE CLEAR ANODIZED.

ALL HORIZONTAL C.W. MULLION SNAP COVERS ARE TO BE MNO SAMPLE "AB 43352 COLONIAL GRAY"

ARCH'T & C.M. NOTE:

PLEASE VERIFY:

- ALL ROUGH OPENING DIMENSIONS
- ALL HORIZ. & VERT. MULLION LOCATIONS
- ALL DETAILS & CONDITIONS
- GLASS & METAL COLORS
- HARDWARE SCHEDULE

ARCHITECT/C.M. PLEASE NOTE:

THIS MUST BE SIGNED PRIOR TO FABRICATION

THESE DRAWINGS ARE BASED UPON OUR INTERPRETATION OF THE CONTRACT DOCUMENTS. UNLESS OTHERWISE INDICATED BELOW, RETURNING THESE DRAWINGS INDICATES APPROVAL OF THE DETAILS AND VERIFICATION OF THE DIMENSIONS AND QUANTITIES SHOWN.

☐ DIMENSIONS & DETAILS ARE VERIFIED, PROCEED WITH FABRICATION.

☐ DO NOT FABRICATE. WAIT FOR FIELD DIMENSIONS. (WAITING FOR FIELD DIMENSIONS, WILL DELAY DELIVERY).

CONTRACTOR SIGNATURE DATE

DESIGN CRITERIA

WIND LOAD:
PER INTERNATIONAL BUILDING CODE (LATEST EDITION) WITH CITY OF SOMEWHERE AMENDMENTS, INCLUDING REFERENCE STANDARDS, ADDENDA, APPENDICES, AND FM GLOBAL PLAN REVIEW COMMENTS DATED: AUGUST 3, 2006/ASCE/SEI 7.
AS STATED IN CODES AND STANDARDS ON SHEET S0.01

BASIC WIND SPEED (3 SECOND GUST) = 90 MPH
WIND IMPORTANCE FACTOR (IW) = 1.15
EXPOSURE CATEGORY = C FOR WIND FROM WEST
B FOR ALL OTHERS DIRECTIONS
ENCLOSURE CLASSIFICATION = "ENCLOSED"
BUILDING CATEGORY = II
INTERNAL PRESSURE COEFFICIENT (GCpi) = ±.18

TYPICAL DESIGN PRESSURE @ < 50' = +19 PSF, –22 PSF
@ 50'–100' = +22 PSF, –22 PSF
@ > 100' = +24 PSF, –22 PSF
CORNER ZONE PRESSURE @ < 50' = +19 PSF, –36 PSF
@ 50'–100' = +22 PSF, –36 PSF
@ > 100' = +24 PSF, –36 PSF

CORNER ZONE WIDTH = 14 FT FROM BLDG. CORNER

DEFLECTION LIMITATIONS:
SPANS UP TO AND INCLUDING 13'–6" DEFLECTION = L/175
SPANS GREATER THAN 13'–6" DEFLECTION = L/240 + 1/4"
MAXIMUM DEFLECTION = 1 1/4"
CANTILEVERS = 2L/175
JAMB MEMBERS = NOT TO EXCEED PERIMETER JOINT CAPACITY PARALLEL TO WALLS = 1/8" TYPICAL, 1/16" ABOVE DOORS

VERTICAL MOVEMENTS:
SYSTEM IS DESIGNED TO HANDLE NO MORE THAN 3/4" VERTICAL MOVEMENT IN ALUMINUM FRAMING WHEN FLOOR LIVE LOADS AND FRAMING THERMAL EXPANSION ARE COMBINED.

ARCH'T./ C.M. NOTE:

PROFESSIONAL ENGINEER STAMPED CALCULATIONS FOR THE CURTAIN WALL SYSTEM & FIXED / CASEMENT WINDOWS EXCLUSIVELY , HAS BEEN CHECKED FOR STRUCTURAL INTEGRITY ONLY. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE THAT ALL JOB SITE SUPPORT CONDITIONS ARE AS SHOWN HEREIN AND THAT ALL ATTACHMENTS ARE MADE AS SHOWN AND AS INDICATED IN THE SET OF STRUCTURAL CALCULATIONS.

REVISIONS | BY

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CONSTRUCTION MANAGER: A.B.C., INC.
CUSTOMER: X.Y.Z., INC.
CUSTOMER LOCATION: SOMEWHERE, U.S.A.

PROJECT NAME: SAMPLE
PROJECT LOCATION: SOMEWHERE, U.S.A.
ARCHITECT: SAMPLE ARCHITECT

DRAWN BY: J.O.R.
CHECKED: A.D.S.
DATE: 09–01–09
SCALE: NONE
DRAWING NO.: 1234A
SHEET: C1