ABBREVIATIONS

&	And
∠	Angle
@	At
℄	Centerline
⊥	Perpendicular
#	Number or Pound
A.F.F.	Above Finish Floor
ADD.	Addendum
ADJ.	Adjustable
ALU/ALUM.	Aluminum
ARCH.	Architectural
BD.	Board
BLDG.	Building
B.O.	Bottom Of
CAB.	Cabinet
CER.	Ceramic
C.J.	Control Joint
CLG.	Ceiling
CLO.	Closet
C.M.U.	Concrete Masonry Unit
COL.	Column
CONC.	Concrete
CONT.	Continuous
C.T.	Ceramic Tile
CTR.	Center
DBL.	Double
DEPT.	Department
DTL.	Detail
DIA.	Diameter
DIM.	Dimension
DN	Down
DWR.	Drawer
E.	East
EA.	Each
E.J.	Expansion Joint
ELEC.	Electrical
ELEV.	Elevator
EMER.	Emergency
EQ.	Equal
EQUIP.	Equipment
EXIST.	Existing
EXT.	Exterior
F.A.	Fire Alarm
F.D.	Floor Drain
F.E.C.	Fire Extinguisher Cabinet
FL.	Floor
FLUOR.	Fluorescent
FPRF.	Fireproof(ing)
F.R.	Fire Rated
F.T.	Fire Treated
FURN.	Furniture
FURR.	Furring
FUT.	Future
GA.	Gauge
GALV.	Galvanized
GL.	Glass
GND.	Ground
GWB.	Gypsum Wallboard
HCP.	Handicapped
HDWR.	Hardware
HDWD.	Hardwood
HGT.	Height
H.M.	Hollow Metal
HNDRL.	Handrail
HORIZ.	Horizontal
HR.	Hour
H.V.A.C.	Heating, Ventilating & Air Conditioning
IN.	Inch
INCAN.	Incandescent
INCL.	Include(d) (ing)
INSUL.	Insulation
INT.	Interior
INXS	In Excess
JAN.	Janitor
JT.	Joint
L.	Length
LAM.	Laminate
LAV.	Lavatory
LBS.	Pounds
LKR.	Locker
LT.	Light
MATL.	Material
MAX.	Maximum
MDF.	Medium Density Fiberboard
MECH.	Mechanical
MTL.	Metal
MFR.	Manufacturer
MIN.	Minimum
MISC.	Miscellaneous
MTD.	Mounted
N.	North
N.I.C.	Not in Contract
NO.	Number
NOM.	Nominal
NTS.	Not to Scale
OA.	Overall
O.C.	On Center
O.D.	Outside Diameter/Dimension
O.H.	Opposite Hand
OPP.	Opposite
OVHD.	Overhead
P.	Paint
P-LAM	Plastic Laminate
PLYWD.	Plywood
PNL.	Panel
PTD.	Painted
R.	Radius
R.C.P.	Reflected Ceiling Plan
R.D.	Roof Drain
REF.	Reference
REF.	Refrigerator
REINF.	Reinforced
REQ'D	Required
REV.	Revision
RM.	Room
RND.	Round
R.O.	Rough Opening
S.	South
SAFB.	Sound Attenuation Fire Blanket
SAN.	Sanitary
S.C.	Solid Core
SCHED.	Schedule
SECT.	Section
S.F.	Square Foot (Feet)
SHGC	Solar Heat Gain Coefficient
SHT.	Sheet
SHWR.	Shower
SIM.	Similar
SPEC.	Specification
SPKR.	Speaker
SQ.	Square
S.STL.	Stainless Steel
STD.	Standard
STL.	Steel
STOR.	Storage
STRUCT.	Structure
SUSP.	Suspended
SYM.	Symmetrical
TEL.	Telephone
TEMP.	Tempered
T. & G.	Tongue & Groove
THK.	Thick
THRU.	Through
T.O.	Top of
TV	Television
TYP.	Typical
UNF.	Unfinished
U.O.N.	Unless Otherwise Noted
U.L.	Underwriter's Laboratory
VB.	Vapor Barrier
VCT.	Vinyl Composition Tile
VERT.	Vertical
VEST.	Vestibule
V.I.F.	Verify in Field
W.	West
W/	With
W.C.	Wall Covering or Water Closet
WD.	Wood
W/O	Without
WP.	Waterproof
WSCT.	Wainscot
WT.	Weight

SYMBOLS

1	Sheet Note
1	Wall Tag
101	Door Tag
A	Window Tag
1	Equipment Tag
P1	Finish Tag
ST1	Stair / Railing Tag
1	Revision Tag
Room Name 101	Room Tag
1	Grid Bubble
1 A-501	Detail Callout
1 A-501	Exterior Elevation
1 A-201	Interior Elevation
1 A-501	Section Marker
	Elevation Marker

PROJECT DIRECTORY

TENANT : EAT WELL D.C.
1423 P. ST NW
WASHINGTON D.C. 20005
202 468 8679

ARCHITECT : SKA STUDIO
47 RANDALL ST, SUITE 2
ANNAPOLIS, MD 21401
301 858 5853

STRUCTURAL : RATHGEBER / GOSS ASSOCIATES
15871 CRABBS BRANCH WAY
ROCKVILLE, MD 20855
301 590 0071

CONTRACTOR : TBD

DRAWING INDEX

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ISSUE RECORD

AWNING PERMIT	07/15/2016

THE BIRD
1337 11TH ST. NW
WASHINGTON, DC 20001
PROJECT # 10203

DISTRICT OF COLUMBIA · STEVEN W. KAHLE · No. 5930 · REGISTERED · ARCHITECT

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the District of Columbia.
License #5930 Expiration Date 04/30/18

INDEX
G000

BUILDING DATA

TENANT : THE BIRD (EAT WELL DC)

BUILDING LOCATION : 1337 11TH ST NW, WASHINGTON, DC 20001

PROJECT DESCRIPTION : AWNING INSTALLATION

USE GROUP

	EXISTING OCCUPANCY	PROPOSED OCCUPANCY	CHANGE IN OCCUPANCY	ACCESSIBLE
1ST FLOOR	A-2 RESTAURANT	A-2 ASSEMBLY-RESTAURANT & COMMERCIAL KITCHEN	N	Y
2ND FLOOR	A-2 RESTAURANT	A-2 ASSEMBLY-RESTAURANT W/ ACCESSORY BUSINESS (B) USE	N	N
3RD FLOOR	R-3 RESIDENTIAL	R-3 RESIDENTIAL - NOT IN SCOPE	N	N
4TH FLOOR	R-3 RESIDENTIAL	R-3 RESIDENTIAL - NOT IN SCOPE	N	N

BUILDING CONSTRUCTION TYPE

VB
AUTOMATIC FIRE SUPRESSION SYSTEM THROUGHOUT - TYPE 13 IN ACCORDANCE WITH IBC 903.3.1.1
4 STORY BUILDING (NO BASEMENT)
NOTE: THIS BUILDING HAS BEEN EXEMPT FROM THE REQUIREMENT FOR AN ELEVATOR PER IBC 1104.4.1
EXISTING FLOOR/CEILING ASSEMBLY - 1 HOUR RATED UL-L569 BETWEEN R-3 & A-2
EXISTING PARTY FIREWALL - 2 HOUR RATED UL-U904
EXISTING TENANT SEPARATION - 1 HOUR RATED UL-U305 BETWEEN R-3 & A-2

APPLICABLE CODES

BUILDING CODE
2013 DISTRICT OF COLUMBIA BUILDING CODE
2012 INTERNATIONAL EXISTING BUILDING CODE (WORK AREA COMPLIANCE, LEVEL 3 ALTERATION)

MECHANICAL/ELECTRICAL/PLUMBING CODE
2011 NATIONAL ELECTRIC CODE
2013 DISTRICT OF COLUMBIA FUEL GAS CODE
2013 DISTRICT OF COLUMBIA MECHANICAL CODE
2013 DISTRICT OF COLUMBIA PLUMBING CODE

ENERGY CODE
2013 DISTRICT OF COLUMBIA ENERGY CONSERVATION CODE

FIRE CODE
2013 DISTRICT OF COLUMBIA FIRE CODE

ACCESSIBILITY
2013 DISTRICT OF COLUMBIA BUILDING CODE

LOCAL CODES AND ORDINANCES
DC LAW 8-36 DISTRICT OF COLUMBIA ENVIRONMENTAL POLICY ACT OF 1989
DCMR 12 BUILDING CODE REGULATIONS 2013
DCMR TITLE 11 - ZONING REGULATIONS
GREEN BUILDING ACT 2006

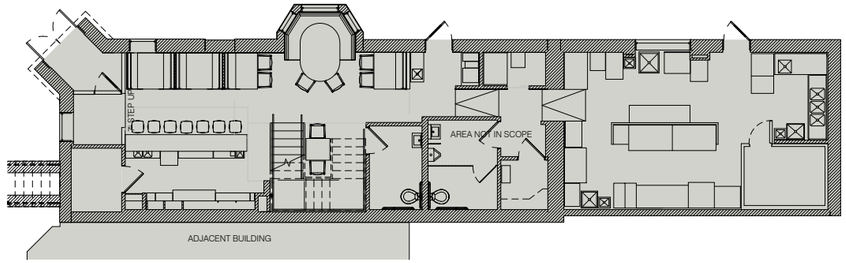
PROJECT AREA
415 SF

PROJECT HEIGHT
46'-10 1/2"

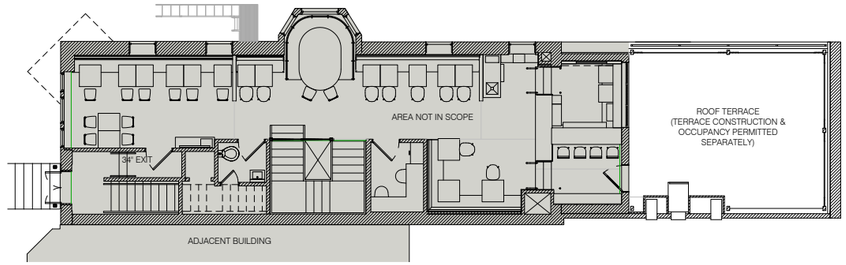
FINISHES
CRITERIA FOR AWNING FRAME & FABRIC FINISHES - IBC 3105.3 & 3105.4 (SPRINKLERED). AWNING FRAME IS NON-COMBUSTIBLE ALUMINUM. FABRIC SPECIFICATION ATTACHED.

OVERALL PLANS, FOR REFERENCE

FIRST FLOOR FOR REFERENCE ONLY, NOT IN SCOPE. INTERIOR ALTERATIONS PERMITTED SEPARATELY
Scale: 1/8" = 1'-0"

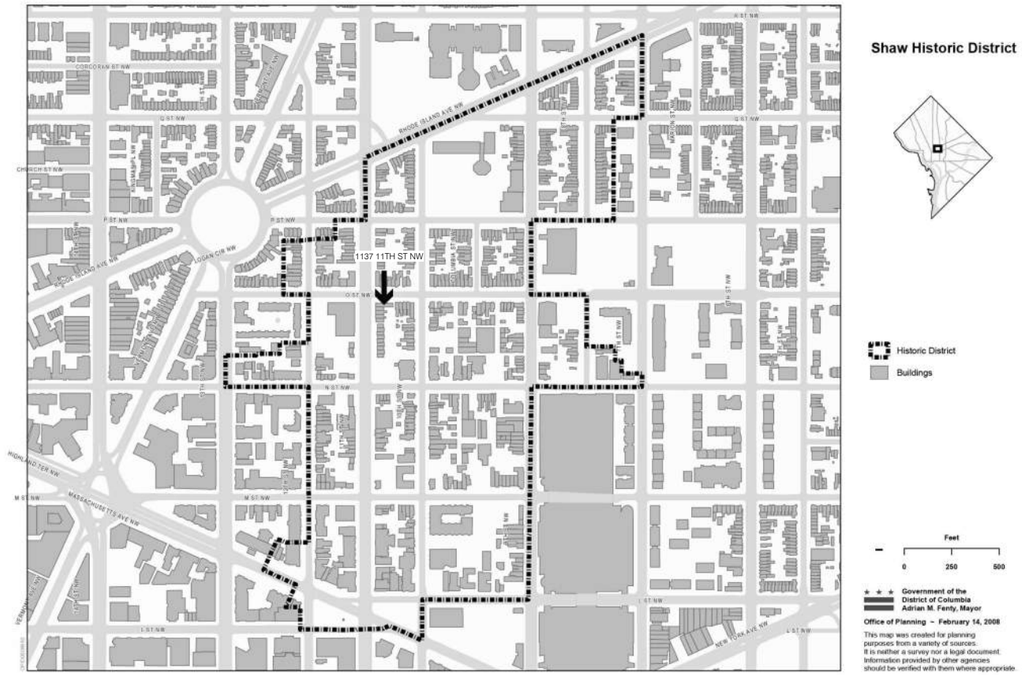


SECOND FLOOR FOR ROOF TERRACE LOCATION. INTERIOR ALTERATIONS PERMITTED SEPARATELY
Scale: 1/8" = 1'-0"



VICINITY & SHAW HISTORIC DISTRICT MAP

PER IEBC 2012 SECTION 202, THIS BUILDING IS CLASSIFIED AS MEETING THE DEFINITION OF "HISTORIC BUILDING" BEING LOCATED IN A LOCAL HISTORIC DISTRICT.



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ISSUE RECORD
AWNING PERMIT 07/15/2016

THE BIRD
1337 11TH ST. NW
WASHINGTON, DC 20001
PROJECT # 10203

DISTRICT OF COLUMBIA
STEVEN W. KALKLE
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INFORMATION
GENERAL
G001

PRECONTRAINT 602

EUROPEAN STANDARD EN 15619

602

FLAME RETARDANT / *IGNÍFUGOS*

MAJOR ADVANTAGES / *VENTAJAS*

> Excellent weldability

> Optimum weight/capacity ratio (602 opaque)

> Accessories:
Strips 655 (p. 69), Rod (p. 70), Kedar 709 & 719 (p. 74)

> Maintenance: Cleaner 500 (p. 72)

> *Excelente soldabilidad*

> Relación peso/opacidad óptima (602 opaco)

> *Accesorios:*
Strips 655 (p. 69), Rod (p. 70), Kedar 709 & 719 (p. 74)

> *Mantenimiento: Cleaner 500 (p. 72)*

COLOURS AND REFERENCES
COLORES Y REFERENCIAS

TRANSLUCENT / *TRANSLÚCIDO*

602-8100

602-8341L

OPAQUE / *OPACO*

602-8503

602-50020

TECHNICAL SPECIFICATIONS / *CARACTERÍSTICAS TÉCNICAS*

	Précontraint 602 translucent / *translúcido*	**Précontraint 602 opaque / *opaco***	Standards / *Normas*
Yarn / *Hilo*	1100 dtex PES HT	1100 dtex PES HT	TESTUISSE
Weight / *Peso*	650 g/m²	750 g/m²	EN ISO 2286-2
Width / *Ancho*	250** / 267 cm	250** / 267 cm	
Standard format length/jumbo rolls* *Longitud estándar para piezas/bobinas**	± 60 ml/± 350 ml	± 60 ml/± 300 ml	
Tensile strength (warp/weft) *Resistencia a la tracción* (urdimbre/trama)	250/250 daN/5 cm	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft) *Resistencia al desgarro* (urdimbre/trama)	20/20 daN	20/20 daN	DIN 53.363
Adhesion / *Adherencia*	9/9 daN/5 cm	9/9 daN/5 cm	EN ISO 2411
Finish / *Acabado*	Varnish both sides / *Barniz dos caras*	Varnish both sides / *Barniz dos caras*	
Flame retardancy / *Reacción al fuego*	**M2**/NFP 92-507 • **B1**/DIN 4102-1 • **M2**/UNE 23.727-90 • BS 7837 **1530.3**/ AS NZS • NFPA 701 **Method 2** Schwerbrennbar-Q1-Tr1/ONORM A3800-1		
Cold resistance / *Resistencia al frio* Heat resistance / Resistencia al calor	- 30°C + 70°C	- 30°C + 70°C	
Quality management system *Sistema de gestión de calidad*			ISO 9001

PRECONTRAINT GARANTIE Serge Ferrari

Dimensional stability
Estabilidad dimensional

UV resistance
Resistente a los rayos UV

TEXYLOOP
100% recyclable
100% reciclable

The technical characteristics shown here are average values, given for information only and may be modified.
*Our packaging data are given for information only and may vary as a function of manufacturing conditions.
**Please ask us

Las características técnicas mencionadas son valores medios dados a título indicativo y sujetos a modificaciones.
**Nuestras presentaciones se dan a título indicativo y pueden variar en función de nuestras necesidades de fabricación.*
***Consúltenos*

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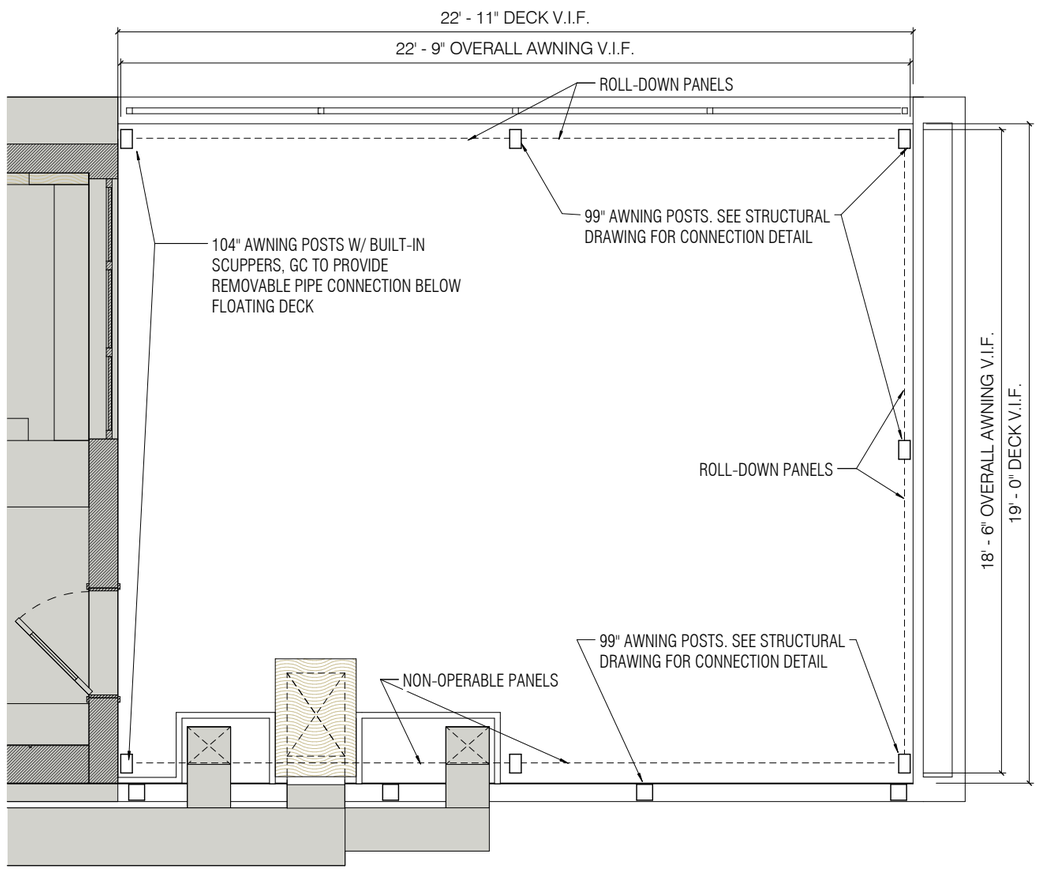
AWNING FABRIC SPECIFICATION

GENERAL

G002



1 AWNING PLAN
1/2" = 1'-0"

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ISSUE RECORD
3RD PARTY REVIEW 05/24/2016

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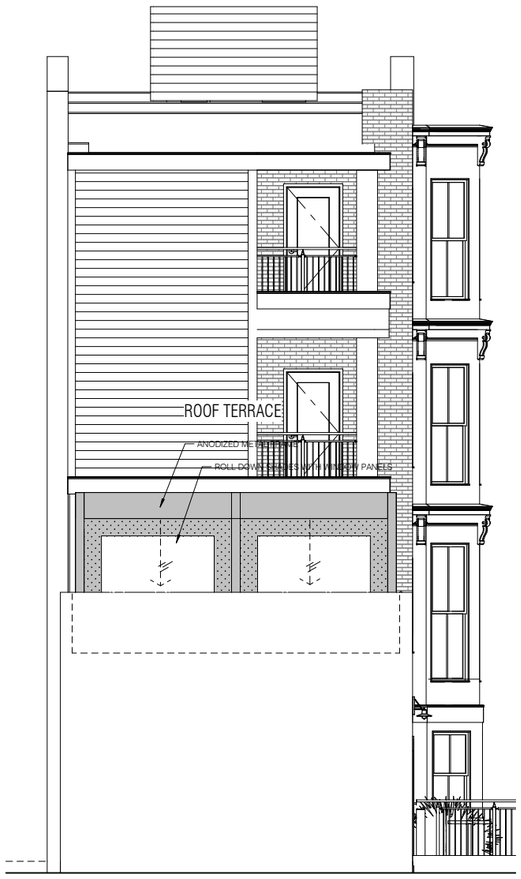
AWNING
FLOORPLAN
A001

Scale : 1/2" = 1'-0"



1 EAST OVERALL BUILDING ELEVATION WITH AWNING
1/4" = 1'-0"

2 NORTH, OVERALL BUILDING ELEVATION WITH AWNING
1/4" = 1'-0"

Scale : 1/4" = 1'-0"

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ISSUE RECORD
3RD PARTY REVIEW 05/24/2016

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AWNING
ELEVATION
A002

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AXONOMETRIC

3D VIEW

A003

GENERAL STRUCTURAL NOTES

A. BUILDING CODES AND STANDARDS

1. THE FOLLOWING CODES AND STANDARDS, INCLUDING ALL SPECIFICATION REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION, QUALITY CONTROL AND SAFETY OF ALL WORK PERFORMED ON THE PROJECT.

   a. "INTERNATIONAL BUILDING CODE - 2012", INTERNATIONAL CODE COUNCIL
   b. "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES", (ANSI/ASCE 7-02-2010) AMERICAN SOCIETY OF CIVIL ENGINEERS.
   c. "DISTRICT OF COLUMBIA BUILDING CODE SUPPLEMENT OF 2013, DCMR 12A BUILDING CODE" (D.C. SUPPLEMENT TO THE 2012 INTERNATIONAL BUILDING CODE).

2. ADDITIONAL CODES FOR MATERIALS SHALL BE FOUND IN THE APPROPRIATE SECTIONS THAT FOLLOW. SEE THOSE SECTIONS FOR THE APPLICABLE CODES.

B. DESIGN LOADS

1. GRAVITY - SUPERIMPOSED DEAD LOADS (IN ADDITION TO STRUCTURE DEAD LOADS)

	AREA	PSF
a.	---	
b.	---	

2. GRAVITY - LIVE LOADS
   LIVE LOAD REDUCTION (LLR) APPLIED PER CODE

AREA	UNIFORM (PSF)	CONCENTRATED (LBS.)
a. FRAMED FLOOR AREAS	100 PSF (INCLUDES PARTITIONS)	
b. LOBBIES / STAIRS / EXITS	100 PSF	300
c. MECHANICAL	AS NOTED ON PLANS AND DETAILS	

3. GRAVITY - ROOF LIVE LOADS

	UNIFORM (PSF	CONCENTRATED (LBS.)
a. ROOF LIVE LOAD	30 PSF MINIMUM (SNOW LOAD IS USED WHEN GREATER THAN 30 PSF)	300

   b. ROOF SNOW LOAD (PLUS DRIFTING WHERE APPLICABLE)
      (1) Pg= 30 psf
      (2) Pf = 25.2 psf
      (3) Ce = 1.0
      (4) I = 1.0
      (5) Ct = 1.2

4. LATERAL LOADS - WIND
   a. ULTIMATE WIND SPEED (3-SECOND GUST) 115 MPH
   b. RISK CATEGORY: II
   c. EXPOSURE CATEGORY: B
   d. INTERNAL PRESSURE COEFFICIENT: GCpi = +/- 0.18
   e. COMPONENTS AND CLADDING:
      (1) ACTUAL PRESSURE(S) ON EVERY COMPONENT AND CLADDING ELEMENT SHALL BE DETERMINED BY THE LICENSED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE STRUCTURAL DESIGN ON SUCH ELEMENTS.

5. LATERAL LOADS - SEISMIC
   a. RISK CATEGORY: II
   b. SEISMIC IMPORTANCE FACTOR: IE = 1.0
   c. MAPPED SPECTRAL RESPONSE ACCELERATIONS :
      (1) SS = 0.118
      (2) S1 = 0.051
   d. SITE CLASS: D
   e. SPECTRAL RESPONSE COEFFICIENTS :
      (1) SDS = 0.126
      (2) SD1 = 0.081
   f. SEISMIC DESIGN CATEGORY: B
   g. LIMITED STRUCTURAL ALTERATIONS DO NOT AFFECT THE DEMAND/CAPACITY RATIO OF THE EXISTING LATERAL LOAD RESISTING ELEMENTS THEREFORE A LATERAL ANALYSIS WILL NOT BE PERFORMED. REFERENCE 2012 IEBC 807.5 AND 907.4.3.

6. LATERAL LOADS - EARTH PRESSURE
   a. LATERAL EQUIVALENT FLUID PRESSURE
      (1) AT REST CONDITION (BRACED WALLS): N/A
      (2) ACTIVE CONDITION (CANTILEVERED RETAINING WALLS): N/A

7. FLOOD DESIGN DATA: NA

8. SPECIAL LOADS: NA

9. HAND RAILS AND GUARDS: 200 POUNDS CONCENTRATED LOAD OR 50 PLF LINEAR LOAD APPLIED AT ANY POINT IN ANY DIRECTION (NON-CONCURRENT). GRAB BARS TO BE DESIGNED FOR 250 POUNDS AT ANY POINT. 50 POUNDS HORIZONTAL CONCENTRATED LOAD AT INTERMEDIATE RAILS, BALUSTERS AND PANEL FILLERS. ALL DESIGNS MUST BE COMPLETED BY THE CONTRACTOR'S ENGINEER PER THE CONSTRUCTION SECTION OF THESE GENERAL NOTES BELOW WITH SIGNED AND SEALED DRAWINGS AND CALCULATIONS SUBMITTED FOR REVIEW.

C. FOUNDATION / EARTH WORK - N/A

D. CONSTRUCTION

1. GENERAL

   a. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT WHICH HAS BEEN DESIGNED FOR THE WEIGHTS OF MATERIALS AND FOR THE SUPERIMPOSED LOADS INDICATED ON THE DRAWINGS IN THE DESIGN LOADS SECTION OF THE GENERAL NOTES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FORMWORK, STAGINGS, BRACING, SHEETING AND SHORING, RESHORING, ETC. THIS INCLUDES THAT REQUIRED FOR THE CONTRACTOR VEHICLES, FORKLIFTS, MOBILE CRANES, MATERIAL STORAGE, ETC. MEANS AND METHODS OF CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ANY DRAWINGS AND/OR CALCULATIONS RELATED TO THE MEANS AND METHODS OF CONSTRUCTION (AS NOTED ABOVE) SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION AND RETAINED BY THE CONTRACTOR.
   b. IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
   c. WORK NOT INCLUDED ON THE DRAWINGS BUT IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES ELSEWHERE ON THE DRAWINGS SHALL BE REPEATED.
   d. IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
   e. DRAWINGS SHALL NOT BE SCALED TO OBTAIN LAYOUT INFORMATION OR DIMENSIONS.
   f. ALL DIMENSIONS LOCATING STRUCTURAL ELEMENTS AND SLAB EDGES, ETC., MUST BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS BY THE GENERAL CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY.
   g. ALL COSTS OF INVESTIGATION AND/OR REDESIGN, DUE TO THE CONTRACTOR MIS-LOCATION OF STRUCTURAL ELEMENTS OR OTHER LACK OF CONFORMANCE WITH THE PROJECT DOCUMENTS, SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL PROVIDE THEIR OWN ENGINEERING OR CONTRACT DIRECTLY WITH THE STRUCTURAL ENGINEER OF RECORD FOR THESE SERVICES.
   h. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LAUNDRY AND FOOD SERVICE DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS, SLEEVES, CONCRETE HOUSEKEEPING PADS, INSERTS, AND DEPRESSIONS.
   i. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILED INFORMATION REGARDING FINISHES, FIREPROOFING, WATERPROOFING, ETC.
   j. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MASONRY AND DRYWALL NON-LOADBEARING PARTITIONS. PROVIDE SLIP CONNECTIONS THAT ALLOW VERTICAL MOVEMENT AT THE HEADS OF ALL SUCH PARTITIONS. UNLESS SHOWN ON THE DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT THE TOP OF THE WALLS LATERALLY FOR THE CODE REQUIRED LATERAL LOAD. PROVIDE COMPRESSIBLE FIRESAFING AT THE TOP OF WALL AS REQUIRED BY ARCHITECTURAL DRAWINGS.
   k. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, CONSTRUCTION SEQUENCE OF THE PRIMARY STRUCTURE SHALL BEGIN AT THE LOWEST LEVEL SHOWN AND PROGRESS UPWARD FROM THAT LEVEL.

2. SHOP DRAWINGS
   a. UNAUTHORIZED REPRODUCTION OF ANY PORTION OF STRUCTURAL CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.
   b. IF AUTHORIZED BY RATHGEBER/GOSS ASSOCIATES, USE OF ELECTRONIC FILES FOR PRODUCTION OF THESE PLANS AS SHOP DRAWINGS IS PERMITTED. THE GENERAL CONTRACTOR MUST SIGN AND RETURN RATHGEBER/GOSS ASSOCIATES' STANDARD CADD FILE INDEMNIFICATION LETTER PRIOR TO RECEIVING THE FILES.
   c. SHOP DRAWINGS SUBMITTED FOR STRUCTURAL REVIEW WILL BE RETURNED IN THE SAME FORMAT AS THEY ARE RECEIVED. ANY REPRODUCTION COST WILL BE AT THE EXPENSE OF THE CONTRACTOR.
   d. SUBMIT SHOP DRAWINGS TO ALLOW AT LEAST 15 BUSINESS DAYS FOR STRUCTURAL REVIEW BEFORE DATE REVIEWED SUBMITTALS WILL BE NEEDED. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SUBMITTAL PACKAGE IS COMPLETE AND SUBMITTED WITH AMPLE TIME FOR REVIEW. SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S STAMP OF APPROVAL WHICH SHALL CONSTITUTE CERTIFICATION THAT THE CONTRACTOR HAS VERIFIED ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, MATERIALS AND SIMILAR DATA AND HAVE CHECKED EACH DRAWING FOR COMPLETENESS, COORDINATION AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. LARGE OR COMPLEX SUBMITTALS MAY REQUIRE TIME IN EXCESS OF THE 15 BUSINESS DAYS FOR THE STRUCTURAL REVIEW INCLUDING THOSE IN EXCESS OF 3 SETS OF DRAWINGS.
   e. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS LOCATING FLOOR AND ROOF EDGES FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER A MINIMUM OF TWO WEEKS PRIOR TO FRAMING THESE LEVELS.
   f. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS SHOWING THE LOCATIONS OF ALL SLEEVES AND OPENINGS REQUIRED BY ALL TRADES A MINIMUM OF TWO WEEKS PRIOR TO SUBMITTING SLAB/DECK AND FRAMING SHOP DRAWINGS.

3. ASSEMBLIES/PRE-ENGINEERED SYSTEMS
   a. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, DRAWINGS AND CALCULATIONS BOTH SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION FOR THE FOLLOWING ASSEMBLIES AS WELL AS ANY OTHER PRE-ENGINEERED SYSTEMS. THIS REVIEW SHALL BE FOR GENERAL CONFORMANCE WITH THE PROJECT PARAMETERS AS INDICATED ON THE DRAWINGS AND IN THE GENERAL NOTES. THE DESIGN OF THESE ASSEMBLIES AND THEIR CONNECITON TO THE PRIMARY BUILDING STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER WHO HAS SIGNED AND SEALED THESE DRAWINGS AND CALCULATIONS.
      (1) STAIRS, HANDRAILS, GUARDS AND LADDERS OF ANY KIND: DESIGNS SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES. WHERE HEADERS OR OTHER TYPES OF STRUCTUAL MEMBERS HAVE BEEN DESIGNATED BY THE STRUCTURAL ENGINEER OF RECORD TO SUPPORT THE STAIRS, THE CONNECTIONS FROM THE STAIRS SHALL BE DESIGNED SO THAT NO ECCENTRIC OR TORSIONAL FORCES ARE INDUCED IN THESE STRUCTURAL MEMBERS THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING EMBEDS AND HARDWARE AS REQUIRED BY THE STAIR DESIGN.
      (2) CURTAIN WALL SYSTEMS AND RELATED CONNECTIONS: DESIGNS SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES. CURTAIN WALL SHALL BE DESIGNED FOR A MAXIMUM DEFLECTION OF 1/175 OF THE SPAN IN INCHES, OR 3/4", WHICHEVER IS LESS, AT THE APPLICABLE DESIGN WIND LOAD. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL CLEARLY SHOW THE LOAD REACTIONS AS APPLIED TO THE BUILDING STRUCTURE.
      (3) METAL STUD WALL SYSTEMS AND RELATED CONNECTIONS: THE STRUCTURAL DRAWINGS CONVEY THE DESIGN OF THE PRIMARY STRUCTURAL FRAME. STUD WALL INFORMATION IS PRESENTED IN GENERAL TERMS ON THE ARCHITECTURAL DRAWINGS (THICKNESS, HEIGHTS, ETC). DESIGN SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES AND SHALL BE DESIGNED FOR A MAXIMUM DEFLECTION OF 1/600 OF THE SPAN IN INCHES, OR 3/8", WHICHEVER IS LESS, AT THE APPLICABLE DESIGN WIND LOAD. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL CLEARLY SHOW THE LOAD REACTIONS AS APPLIED TO THE BUILDING STRUCTURE. ALSO, WHERE OPENINGS OCCUR FOR ITEMS SUCH AS LOUVERS, THE HEADERS (TOP AND BOTTOM) AND JAMBS (EACH SIDE) SHALL BE COMPRISED OF GANGED STUDS OR STRUCTURAL SHAPES DESIGNED BY THE CONTRACTOR'S ENGINEER.
      (4) ARCHITECTURAL PRECAST ITEMS: REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND LOCATIONS OF MEMBERS IN CONJUNCTION WITH MASONRY, BRICK AND OTHER BUILDING FACADE SYSTEMS. DESIGN SHALL BE IN ACCORDANCE WITH ACI AND PCI FOR THE LOADS REQUIRED, WITH CONNECTIONS TO THE PRIMARY STRUCTURE DETAILED CLEARLY.
      (5) PERMANENT UNDERPINNING OF ADJACENT BUILDING WALLS: DESIGN SHALL TAKE INTO ACCOUNT DEAD LOADS, SUPERIMPOSED DEAD LOADS ADN LIVE LOADS USED TO UNDERPIN FOOTINGS AND WALLS, AND INDICATE UNDERPINNING SEQUENCE TO ENSURE OPEN PITS HAVE A MAZIMUM UNEXCAVATED CLEAR DISTANCE OF 12 FEET AT ANY TIME. CONFORM TO LOCAL REQUIREMENTS AS APPLICABLE.
      (6) FALL PROTECTION SYSTEMS AND RELATED CONNECTIONS: DESIGN OF FALL PROTECTION ELEMENTS (DAVIT POSTS AND TIEBACK ANCHORS) SHALL INCLUDE VERTICAL OPERATING LOAD OF DAVIT WITH SAFETY FACTOR, VERTICAL DEAD LOAD OF ELEMENT, HORIZONTAL LOAD INCLUDING SAFETY FACTOR ACTING IN ANY LATERAL DIRECTION AT THE TOP OF THE TIEBACK POST, AND ANY ECCENTRICITY TO THE VERTICAL LOADS.
      (7) INTERIOR PARITION WALLS: FOR WALLS AND PARTITIONS THAT EXCEED 6 FEET IN HEIGHT, DESIGN SHALL TAKE INTO ACCOUNT LOADS TO WHICH THEY ARE SUBJECTED BUT NOT LESS THAN A HORIZONTAL PRESSURE OF 5 PSF. CMU PARTITION WALLS SHALL BE DESIGNED TO MEET A MAXIMUM DEFLECTION OF L/600 OR 0.3 INCHES PER ACI 530, SECTION 1.10
      (8) CABLE TRAY, PIPE HANGERS, DUCT HANGERS, EQUIPMENT HANGERS.
      (9) STRUCTURAL STRENGTHENING: STRUCTURAL STRENGTHENING DESIGNATED AS CONTRATOR'S DESIGN. SUBMIT SIGNED AND SEALED DRAWINGS AND CALCULATIONS FOR REVIEW.
      (10) LOUVERED EQUIPMENT SCREENS.

4. EXISTING BUILDING
   a. EXISTING BUILDING INFORMATION SHOWN IS BASED ON EXISTING BUILDING DRAWINGS, FIELD OBSERVATIONS, AND /OR ARCHITECTURAL DRAWINGS.
   b. THE CONTRACTOR SHALL VERIFY ALL EXISTING BUILDING INFORMATION SHOWN (DIMENSIONS, ELEVATIONS, ETC.) AND NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES.
   c. NEW SLABS ARE TO BE AT THE SAME ELEVATIONS AS ADJACENT EXISTING SLABS, UNLESS INDICATED OTHERWISE.
   d. FOUNDATION ELEVATIONS OR COLUMN LENGTHS SHALL BE ADJUSTED WITH THE APPROVAL OF THE STRUCTUAL ENGINEER TO ACHIEVE MATCHING SLAB ELEVATIONS.

E. STRUCTURAL INSPECTION AND TESTING

1. THE OWNER WILL ENGAGE A TESTING AGENCY TO PROVIDE SERVICES INDICATED IN THE STRUCTURAL GENERAL NOTES AND IN THE CONTRACT SPECIFICATION.
2. AT A MINIMUM, THE INSPECTION WILL CONSIST OF VERIFYING CONFORMANCE OF THE CONSTRUCTION WITH THE STRUCTURAL CONTRACT DOCUMENTS.
3. SEE SPECIFIC SECTION OF THESE NOTES AND/OR SPECIFICATIONS FOR TESTING AND INSPECTION SCOPE FOR CONCRETE, STEEL, MASONRY, ETC.
4. THESE INSPECTION SERVICES DO NOT RELIEVE THE GENERAL CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS.
5. WHERE SPECIAL INSPECTIONS ARE REQUIRED BY THE BUILDING CODE OR LOCAL JURISDICTION, THE OWNER'S TESTING AGENCY SHALL PERFORM THE SPECIAL INSPECTION FOR THE SCOPE SHOWN IN THE BUILDING CODE

F. CONCRETE

1. CODES
   a. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-2011", AMERICAN CONCRETE INSTITUTE AS AMENDED BY 2012 IBC.
   b. "SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301".
   c. "MANUAL OF STANDARD PRACTICE", CONCRETE REINFORCING STEEL INSTITUTE.

2. MATERIALS
   a. THE FOLLOWING ASTM STANDARDS AND DESIGN STRESSES SHALL BE USED FOR THE APPROPRIATE MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT.

APPLICATION	f'c @ 28 DAYS	WEIGHT (PCF)	W/C (MAX)*
PEDESTALS	4500	145	0.45

   b. CEMENT: ASTM C150; TYPE I OR III
   c. CEMENT SUBSTITUTES: ASTM C595, TYPE IS (LIMIT TO 50% MAX OF CEMENTITIOUS MATERIAL BY WEIGHT)
   d. AGGREGATES: ASTM C33 OR C330 (LIGHTWEIGHT)
   e. AIR: AIR-ENTRAINING ADMIXTURE TO COMPLY WITH ASTM C260. FOUNDATIONS 6% ± 1½%
   f. REINFORCEMENT: DEFORMED REINFORCING BARS ASTM A615, GRADE 60
   g. ANCHORING SYSTEMS:
      MANUFACTURERS TRAINING OF ADHESIVE OR MECHANICAL ANCHOR SYSTEMS ARE REQUIRED PRIOR TO ANCHOR INSTALLATION.

ADHESIVE ANCHORS	HILTI HIT-HY150 MAX-SD WITH HAS RODS OR HIT-RE 500-SD WITH HAS RODS SYSTEM OR ENGINEERED EQUAL
EXPANSION ANCHORS	HILTI KWIK BOLT TZ OR ENGINEERED EQUAL

      ENGINEERED EQUAL TO REQUIRE SIGNED AND SEALED CALCULATIONS, BY ENGINEER REGISTERED IN PROJECT JURISDICTION, FOR STRENGTH DESIGN WITH CRACKED SECTIONS BASED ON ACI APPENDIX D.
   h. NON-SHRINK GROUT: ASTM C-1107. EUCLID DRY PACK GROUT OR APPROVED EQUAL

3. CAST-IN-PLACE
   a. REINFORCING STEEL CLEAR COVER SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
      (1) NON-POST-TENSIONED CONCRETE:
      - CONCRETE EXPOSED TO EARTH OR WEATHER
        #6 BARS AND LARGER 1½"
        #5 BARS AND SMALLER 1½"
      - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND
        SLABS, WALLS AND JOISTS
        #11 BARS AND SMALLER ¾"
        BEAMS, AND COLUMNS:
        PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS 1½"
   a. CORE DRILLING OF FOUNDATIONS, BEAMS, JOISTS, SLABS, COLUMNS OR ANY POST-TENSIONED MEMBERS SHALL NOT BE PERMITTED UNLESS AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER.
   b. WHEN INSTALLING EXPANSION ANCHORS OR ADHESIVE ANCHORS, THE CONTRACTOR SHALL TAKE MEASURES TO AVOID DRILLING OR CUTTING OF ANY EXISTING REINFORCING AND DESTRUCTION OF CONCRETE. MANUFACTURERS TRAINING OF ADHESIVE OR MECHANICAL ANCHOR SYSTEMS ARE REQUIRED PRIOR TO ANCHOR INSTALLATION.

G. STRUCTURAL STEEL

1. CODES
   a. "STEEL CONSTRUCTION MANUAL", LATEST EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (INCLUDING SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, AND AISC CODE OF STANDARD PRACTICE WITH EXCEPTION, IF ANY, AS INDICATED IN THE SPECIFICATIONS).
   b. "DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
   c. "STRUCTURAL WELDING CODE ANSI/AWS D1.1", AMERICAN WELDING SOCIETY.

2. MATERIALS

a. ROLLED SHAPES	ASTM A992, GRADE 50
b. CHANNELS, ANGLES AND PLATES	ASTM A36
c. STRUCTURAL PIPE	ASTM A53, GRADE B, Fy = 35 ksi
d. ROUND HSS SHAPES	ASTM A500, GRADE B, Fy = 42 ksi
e. STRUCTURAL TUBING (SQUARE AND RECTANGULAR HSS)	ASTM A500, GRADE B, Fy = 46 ksi
f. HIGH STRENGTH BOLTS	ASTM A325-N (UNLESS NOTED ON DRAWINGS)
g. ANCHOR RODS	ASTM F1554 GRADE 36 (UNLESS NOTED ON DRAWINGS)
h. SMOOTH & THREADED ROD	ASTM A36
i. HEADED SHEAR STUDS	ASTM A108
j. WELDING ELECTRODES	AWS A5.1 OR A5.5, E70XX
k. ADHESIVE ANCHORS	HILTI HIT-HY 150 MAX-SD WITH HAS RODS OR HIT-RE 500-SD WITH HAS RODS OR APPROVED ENGINEERED EQUAL
l. EXPANSION ANCHORS	HILTI KWIK BOLT TZ OR APPROVED ENGINEERED EQUAL

   ENGINEERED EQUAL TO REQUIRE SIGNED AND SEALED CALCULATIONS, BY ENGINEER REGISTERED IN PROJECT JURISDICTION, FOR STRENGTH DESIGN WITH CRACKED SECTIONS BASED ON ACI APPENDIX D. MANUFACTURERS TRAINING OF ADHESIVE OR MECHANICAL ANCHOR SYSTEMS ARE REQUIRED PRIOR TO ANCHOR INSTALLATION.

m. NUTS:	FOR ASTM A307 BOLTS: ASTM A563 FOR F1554/36 RODS: ASTM A563 FOR A325 BOLTS: ASTM A563
n. WASHERS:	ASTM F436
o. NON-SHRINK GROUT:	ASTM C-1107 EUCLID DRY PACK GROUT OR APPROVED EQUAL

3. GENERAL
   a. ALL SHOP AND FIELD CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS OR WELDS. ALL HIGH STRENGTH BOLT AND NUTS SHALL BE CLEARLY MARKED AS REQUIRED BY AISC SPECIFICATIONS. CONNECTIONS MADE WITH UNMARKED BOLTS AND NUTS WILL BE REJECTED.
   b. PROVIDE ACCESS FOR INSPECTION OF ALL SHOP AND FIELD CONNECTIONS FOR PROPER MATERIALS AND WORKMANSHIP.
   c. ALTERNATIVE CONNECTION DESIGNS SHALL ONLY BE ALLOWED WITH PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. IF SUCH APPROVAL IS GRANTED ALL CONNECTIONS, SPLICES AND ERECTION PIECES NOT IN ACCORDANCE WITH CONTRACT DRAWINGS (FABRICATOR REDESIGN) SHALL BE DESIGNED BY THE FABRICATOR'S ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION. CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED BEARING THE ENGINEER'S SEAL AND SIGNATURE. CALCULATIONS FOR DETAILS SHALL SHOW A RATIONAL ANALYSIS OF A COMPLETE LOAD PATH, INCLUDING LOCAL EFFECTS ON WEBS, FLANGES, ETC. OF THE CONNECTED MEMBERS AND THE DEVICES (PLATES, SEATS, BRACKETS, BOLTS, WELDS, ETC.) AFFECTING ALL CONNECTIONS.
   d. CONNECTIONS SHALL BE SELECTED FOR REACTIONS AS SHOWN ON PLANS AND AS DETAILED AND SCHEDULED. NO CONNECTION SHALL CONSIST OF LESS THAN (2) ¾" DIAMETER A325-N BOLTS OR WELDS DEVELOPING LESS THAN 10.000 POUNDS (UNFACTORED) OR 16,000 POUNDS (FACTORED). MINIMUM WELD ⅜" FILLET.
   e. UNLESS OTHERWISE NOTED, ALL A325 BOLTS SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. THE SNUG TIGHT CONDITION MUST ENSURE THAT THE PLIES OF THE CONNECTED MATERIAL HAVE BEEN BROUGHT INTO SNUG CONTACT.
   f. PERMANENT FRAMING AND FINAL CONNECTION DETAILS ARE SHOWN ON THE DRAWINGS. THE FABRICATOR AND ERECTOR ARE RESPONSIBLE FOR THE DESIGN OF TEMPORARY BRACING AND RECOMMENDED ERECTION PROCEDURES.
   h. PRIOR TO STARTING FABRICATION, CERTIFIED COPIES OF MILL TEST REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER.
   i. THE GENERAL CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY FABRICATION OR ERECTION ERRORS OR DEVIATIONS AND RECEIVE WRITTEN APPROVAL BEFORE ANY FIELD CORRECTIONS ARE MADE. SEE ADDITIONAL INFORMATION REGARDING THE COST OF SUCH DEVIATIONS IN THE "CONSTRUCTION" SECTION OF THESE NOTES.
   j. WHEN INSTALLING EXPANSION BOLTS OR ADHESIVE ANCHORS, THE CONTRACTOR SHALL TAKE MEASURES TO AVOID DRILLING OR CUTTING OF ANY EXISTING REINFORCING AND DESTRUCTION OF CONCRETE. MANUFACTURERS TRAINING OF ADHESIVE OR MECHANICAL ANCHOR SYSTEMS ARE REQUIRED PRIOR TO ANCHOR INSTALLATION.
   k. WELDING ELECTRODES, WELDING PROCESS, MINIMUM PREHEAT AND INTERPASS TEMPERATURES SHALL BE IN ACCORDANCE WITH THE AISC AND AWS SPECIFICATIONS. ANY STRUCTURAL STEEL DAMAGED IN WELDING IS TO BE REPLACED OR ACCEPTABLY REINFORCED AS ACCEPTABLE TO THE STRUCTURAL ENGINEER.
   l. WELDERS SHALL HAVE CURRENT EVIDENCE OF PASSING THE APPROPRIATE AWS QUALIFICATION TESTS. THE ENGINEER MAY REQUEST SUCH EVIDENCE AT ANY TIME DURING THE PROJECT.
   m. GAS CUTTING TORCHES SHALL NOT BE USED TO CORRECT FABRICATION ERRORS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
   p. BASE/LEVELING PLATES SHALL BE GROUTED AT THE APPROPRIATE TIME ACCORDING TO THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
   r. ALL STEEL AT AND BELOW FINISHED GRADE OR FLOOR SLAB SHALL RECEIVE TWO (2) COATS OF BITUMINOUS PAINT - OR 3" MINIMUM CONCRETE COVER.
   s. ALL STRUCTURAL STEEL THAT IS LOCATED IN EXTERIOR UNHEATED SPACES AND WHICH IS EXPOSED FOR AESTHETICS, INCLUDING STEEL DIRECTLY EXPOSED TO WEATHER, SHALL BE POWER TOOL CLEANED AND PAINTED OR GALVANIZED ACCORDING TO ARCHITECT'S SPECIFICATIONS.
   t. ALL STRUCTURAL STEEL THAT IS SUBJECT TO WETTING WITH SALT-LADEN WATER OR OTHER MILD CHEMICAL ATTACK SHALL BE COMMERCIAL BLAST CLEANED AND PAINTED WITH THREE COATS OF EPOXY PAINT IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL PAINTING SYSTEM SPECIFICATION NO. 13.01. A URETHANE TOPCOAT SHALL BE PROVIDED FOR ALL STEEL EXPOSED TO VIEW.

4. INSPECTION AND TESTING
   a. THE OWNER WILL ENGAGE A TESTING AGENCY TO PROVIDE SERVICES AS INDICATED BELOW AND SUBMIT REPORTS.
   b. STRUCTURAL STEEL
      (1) VISUALLY INSPECT ALL FILLET WELDS, BOLTED CONNECTIONS AND SHEAR STUDS. VERIFY STRUCTURAL FRAME IS CONSTRUCTED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND SHOP DRAWINGS.
      (2) EACH FULL PENETRATION BUTT OR GROOVE WELD AND FIFTY PERCENT OF PARTIAL PENETRATION WELDS SHALL BE TESTED BY THE ULTRASONIC METHOD.
      (3) 10% OF ALL FIELD FILLET WELDS IN PRIMARY CONNECTIONS AND MULTI-PASS WELDS SHALL BE TESTED BY THE MAGNETIC PARTICLE METHOD.
      (4) TEST ANY WELD WHICH VISUAL EXAMINATION INDICATES AN UNUSUAL CONDITION AND/OR POOR QUALITY.
      (5) WELDING INSPECTION AND TESTING PROCEDURES SHALL BE IN ACCORDANCE WITH THE AWS CODE.
      (6) THE AGENCY SHALL MONITOR THE INSTALLATION OF BOLTS REQUIRING PRE-TENSIONING FOR CONFORMANCE WITH SPECIFIC PRE-CALIBRATED TIGHTENING PROCEDURES.

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PROJECT NO. 16009.01

ISSUE RECORD
AWNING PERMIT 07/15/2016

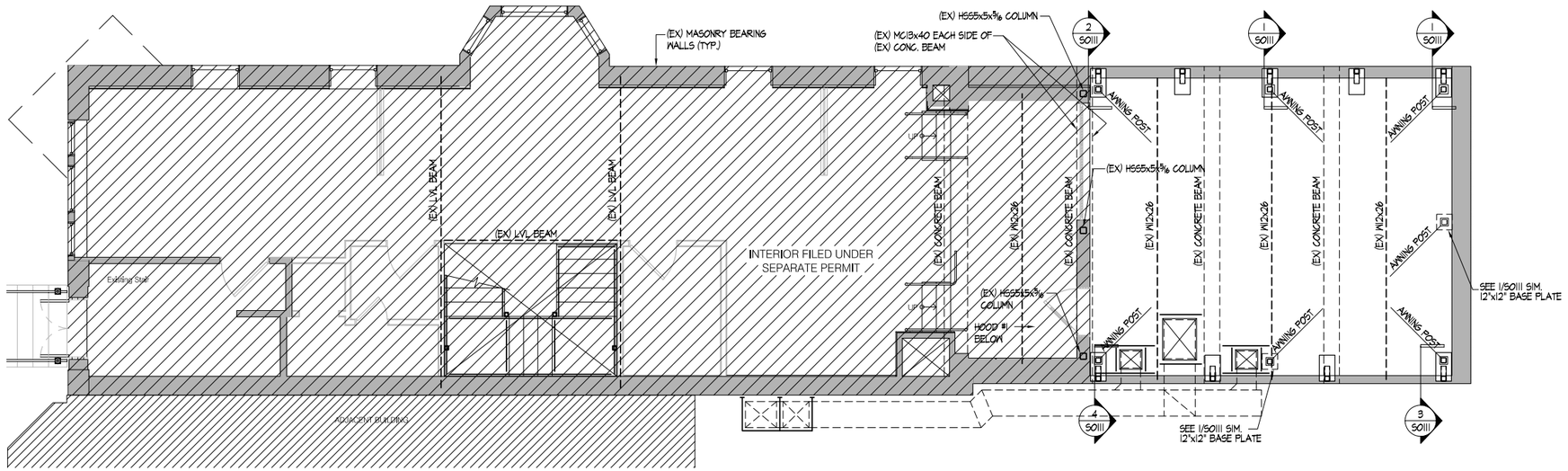
THE BIRD
1337 11TH ST. NW
WASHINGTON, DC 20001
PROJECT # 10203

STRUCTURAL PLANS CERTIFIED AS PROVIDED IN SECTION 106.1.4.1 OF THE DC CONSTRUCTION CODES SUPPLEMENT AS AMENDED TO DATE.

DISTRICT OF COLUMBIA · GARNER W. DUVAL III · STRUCTURAL · PROFESSIONAL ENGINEER · 7.15.16 · No. Pe906944

GENERAL NOTES

S0001

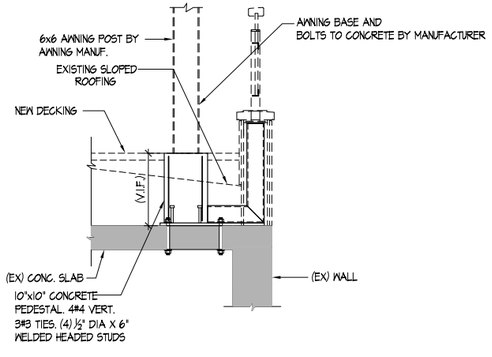


TERRACE FRAMING PLAN

SCALE: ¼"=1'-0"

PLAN NOTES:

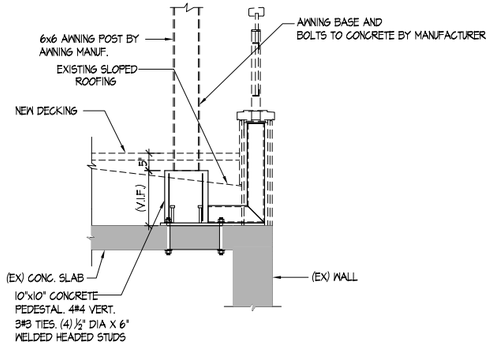
1) TOP OF FINISH FLOOR ELEVATION VERIFY IN FIELD UNLESS NOTED OR DETAILED OTHERWISE.
2) SEE S0001 FOR GENERAL NOTES.
3) CONTRACTOR SHALL COORDINATE FINAL LOCATION OF FLOOR MEMBERS WITH MECHANICAL/PLUMBING/ELECTRICAL SYSTEMS.
4) PLAN DIMENSIONS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL FINAL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION AND FABRICATION.
5) PRE-ENGINEERED AWNING TO HAVE SENSORS TO RETRACT ROOF AND SIDES IN WINDS EXCEEDING 30 MPH.
6) FIELD VERIFY STEEL BEAM LOCATION AND SLAB SLOPE AT ALL PLATE LOCATIONS PRIOR TO FABRICATING PLATES. PLATES MAY NEED TO BE WIDER TO AVOID DRILLING THE STEEL BEAMS. SLAB IS SLOPED. USE NON-SHRINK GROUT IF NEEDED FOR FULL BEARING.



NOTE:
1. CONTRACTOR TO COORDINATE MOUNTING PLATE ELEVATION WITH AWNING SHOP DWGS.

1 SECTION AT RAILING SUPPORT W/ AWNING POST

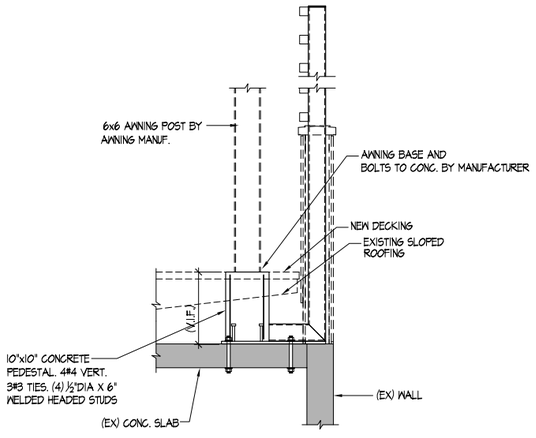
SCALE: ¾"=1'-0"



NOTE:
1. CONTRACTOR TO COORDINATE MOUNTING PLATE ELEVATION WITH AWNING SHOP DWGS.

2 SECTION AT RAILING SUPPORT W/ AWNING POST

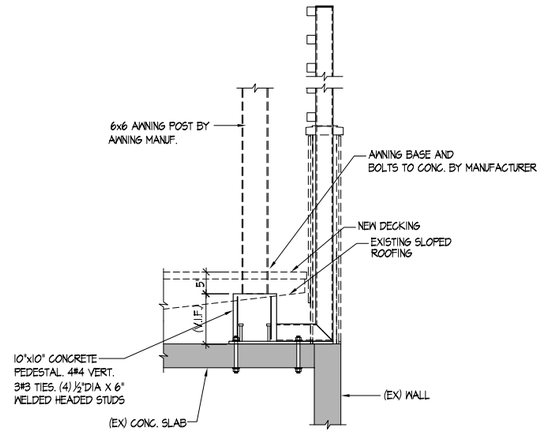
SCALE: ¾"=1'-0"



NOTE:
1. CONTRACTOR TO COORDINATE MOUNTING PLATE ELEVATION WITH AWNING SHOP DWGS.

3 SECTION AT SCREEN WALL POST W/ AWNING POST

SCALE: ¾"=1'-0"



NOTE:
1. CONTRACTOR TO COORDINATE MOUNTING PLATE ELEVATION WITH AWNING SHOP DWGS.

4 SECTION AT SCREEN WALL POST W/ AWNING POST

SCALE: ¾"=1'-0"

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DISTRICT OF COLUMBIA
GARNER W. DUVALL III
7.15.16
No. Pe906944
PROFESSIONAL ENGINEER
STRUCTURAL

AWNING PEDESTAL PLAN

S0111