

GENERAL

- A. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
B. NOT ALL EXISTING CONDITIONS, PROPOSED CONDITIONS, OR UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE STRUCTURAL WORK WITH THE WORK OF OTHER TRADES. IN CASE OF A CONFLICT, NOTIFY THE ENGINEER OF RECORD.
C. THE STRUCTURE HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETE STRUCTURE. APPLICATIONS OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED AND SO INDICATED IN THE DESIGN OF SHORING, BRACING, FORMWORK AND STRUCTURE DURING ERECTION AND UNTIL ALL PERMANENT CONNECTIONS ARE MADE. TEMPORARY BRACING FOR THE STRUCTURE MUST BE PROVIDED IN ALL DIRECTIONS.
D. ONLY USE DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE DRAWINGS.
E. ELEVATIONS INDICATED ON THE STRUCTURAL DRAWINGS ARE BASED ON A PROJECT DATUM INDICATED ON THE ARCHITECTURAL DRAWINGS.

DESIGN CRITERIA:

- A. 2012 IBC (2012 IBC) BUILDING CODE
B. ASCE 7-10, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
C. ACI 318-11, STRUCTURAL CONCRETE BUILDING CODE
D. AISI MANUAL OF STEEL CONSTRUCTION, 14TH EDITION
E. AISI 2008 COLD FORMED STEEL DESIGN MANUAL
F. NDS-15, NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
G. SERVICEABILITY AND DEFLECTION CRITERIA PER GOVERNING COMPONENT DESIGN STANDARD

DELEGATED ENGINEERING:

THE FOLLOWING SYSTEMS REQUIRE DELEGATED ENGINEERING. REVIEW SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.

- A. COLD-FORMED METAL FRAMING AND TRUSSES.
B. STRUCTURAL STEEL - CONNECTIONS.
C. STEEL OPEN WEB JOISTS.
D. ACCESS LADDER.
E. GATES, DOORS AND FENESTRATION SYSTEMS.

DESIGN LOADING:

- A. ROOF LIVE LOADS: 20 PSF
B. ROOF SUPERIMPOSED DEAD LOAD: 13PSF
C. SNOW LOADING:
1. GROUND SNOW LOAD, Pg: 30 PSF
2. FLAT ROOF SNOW LOAD, Pf: 21 PSF
3. SNOW EXPOSURE FACTOR, Cf: 1.00
4. SNOW LOAD IMPORTANCE FACTOR, Is: 1.00
5. THERMAL FACTOR, Ct: 1.00
6. SNOW DRIFT LENGTH, SdL: 10'-0"
7. SNOW DRIFT LOAD, Sd: 56 PSF

WIND LOADING

- 1. ULTIMATE DESIGN WIND SPEED, VULT: 115 MPH
2. NOMINAL WIND SPEED, VASD: 90 MPH
3. MIN SITE SPECIFIC WIND SPEED, VULT: 115 MPH
4. RISK CATEGORY (TABLE 1.5-1, ASCE 7): II
5. WIND EXPOSURE: C
6. ENCLOSURE CLASSIFICATION: ENCLOSED (+/- 0.15)
7. COMPONENT AND CLADDING: SEE THIS SHEET FOR C&C WIND PRESSURES. USE 10PSF MAX DEAD LOAD FOR UPLIFT CALCULATIONS. USE 22PSF MIN UPLIFT LOAD

SEISMIC LOADING (DESIGN CATEGORY AND CLASS)

- 1. RISK CATEGORY: II
2. SEISMIC IMPORTANCE FACTOR: 1.0
3. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS
a. Ss: 0.125g
b. S1: 0.052g
4. SITE CLASS: C
5. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS
a. SDS: 0.134g
b. SD1: 0.084g
6. SEISMIC DESIGN CATEGORY: A
7. BASIC SEISMIC FORCE-RESISTING SYSTEMS: LIGHT FRAMED WALLS W/ SHEATHING
8. DESIGN BASE SHEAR(S): 3.0 KIPS
9. SEISMIC RESPONSE COEFFICIENT, Cs: 0.12
10. RESPONSE MODIFICATION COEFFICIENT(S), R: 6.5
11. ANALYSIS PROCEDURE USED: ASCE 7-10 EQUIV. LATERAL METHOD

FLOOD DESIGN DATA:

DESIGN LOAD-BEARING VALUES OF SOIL: 3000PSF

01003 SUBMITTALS

- A. SEE SECTION 01003-3 IN THE PROJECT MANUAL AND SPECIFICATIONS FOR THE LIST OF REQUIRED STRUCTURAL SUBMITTALS / SHOP DRAWINGS.
B. IN ADDITION TO THE SUBMITTALS LISTED IN THE PROJECT MANUAL AND SPECIFICATIONS, THE FOLLOWING SHOP DRAWINGS ARE REQUIRED:
1. PREFABRICATED LIGHT GAUGE METAL ROOF TRUSSES.
2. CLIPS, SCREWS, BOLTS, AND FASTENER PRODUCT SHEETS.
3. SEE SECTION 01022-14 "SHOP DRAWINGS SUBMITTAL" IN THE PROJECT MANUAL AND SPECIFICATIONS FOR SUBMITTAL RESPONSIBILITIES AND REQUIREMENTS.

02001 EARTHWORK / FOUNDATION

- A. FOUNDATION DESIGN IS BASED UPON THE FOLLOWING SOILS REPORT: COMPANY NAME: ECS MID-ATLANTIC, LLC DATE: MAY 9, 2017 ECS PROJECT NO. 29-2077 THE DESIGN ALLOWABLE SOIL BEARING PRESSURE IS LISTED IN THE DESIGN LOADING CRITERIA.
B. SEE SECTION 02001-04 IN THE PROJECT MANUAL AND SPECIFICATIONS FOR EARTHWORKS TO INCLUDE BUT NOT LIMITED TO:
1. PREPARING AND GRADING SUBGRADES FOR SLABS-ON-GRADE
2. EXCAVATING AND BACKFILLING FOR BUILDINGS AND STRUCTURES
3. DRAINAGE AND MOISTURE - CONTROL FILL COARSE FOR SLABS-ON-GRADE
4. EXCAVATING AND BACKFILLING TRENCHES WITHIN BUILDING LINES
5. MATERIAL, INSPECTION, AND TESTING REQUIREMENTS

ANY FILL REQUIRED TO BACKFILL EXCAVATED AREA OR ACHIEVE FINISHED GRADE IN STRUCTURAL AREAS SHALL BE AS INDICATED BY GEOTECHNICAL ENGINEER. THE FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEED 12" LOOSE THICKNESS AND COMPACTED TO A MINIMUM OF 95% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM SPECIFICATION D-1557.

IN-PLACE DENSITY TESTS SHALL BE PERFORMED BY AN EXPERIENCED ENGINEERING TECHNICIAN. TESTS SHALL BE PERFORMED FOR EACH 2,000 SQUARE FEET, IN EVERY COLUMN FOOTING LOCATION AND EACH 50'-0" ALONG WALL FOOTINGS. COPIES OF THE TEST REPORTS SHALL BE FURNISHED TO THE STRUCTURAL ENGINEER.

REMOVE FREE WATER FROM EXCAVATIONS BEFORE PLACING CONCRETE. WATER TABLE ASSUMED BELOW 6'-0" PRECLUDING BUOYANCY CONDITIONS ON FOOTINGS.

CAUTION SHOULD BE USED WHEN OPERATING VIBRATORY COMPACTING EQUIPMENT NEAR THE EXISTING STRUCTURE TO AVOID THE RISK OF DAMAGE TO THE STRUCTURE.

REFER TO ARCHITECTURE DRAWINGS FOR ANY NECESSARY WATERPROOFING REQUIREMENTS.

03001 CAST-IN-PLACE CONCRETE

- A. SEE SECTION 03001 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:
1. GENERAL REQUIREMENTS
a. SUBMITTALS
b. QUALITY ASSURANCE / CODE REQUIREMENTS
2. PRODUCT / MATERIAL REQUIREMENTS
3. EXECUTION OF WORK REQUIREMENTS
a. SHORING
b. VAPOR RETARDER
c. JOINTS
d. PLACEMENT / FINISHING
e. CURING
4. QUALITY CONTROL - TESTING REQUIREMENTS

SUMMARY OF PROJECT MANUAL AND SPECIFICATIONS SECTION 03001-02 PRODUCTS:

- 1. CONCRETE STRENGTH: 4,000 PSI
2. STEEL REINFORCEMENT: 60 KSI
3. PLAIN-STEEL WIRE FABRIC: ASTM A1064 FLAT SHEETS

LAP SPLICE REINFORCEMENT LENGTH = 44 x BAR DIAMETER

04200 UNIT MASONRY

SEE SECTION 04200 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. GENERAL REQUIREMENTS
a. SUBMITTALS
b. MATERIAL REQUIREMENTS
c. HOT WEATHER AND COLD WEATHER REQUIREMENTS
2. PERFORMANCE REQUIREMENTS
a. MASONRY COMPRESSIVE STRENGTH (fm): 1,500-PSI
3. PRODUCTS
4. EXECUTION
5. FIELD QUALITY CONTROL

SUMMARY OF PROJECT MANUAL AND SPECIFICATIONS SECTION 04200-03 PRODUCTS:

- 1. CONCRETE MASONRY UNITS: ASTM C 90 - NORMAL WEIGHT, TYPE (I) MOISTURE CONTROLLED
2. MORTAR: ASTM C 270, TYPE S
3. GROUT: ASTM C476, COARSE (MIN. 2,000-PSI)
4. STEEL REINFORCING BARS: ASTM A 615 - GRADE 60
5. MASONRY JOINT REINFORCEMENT: ASTM A 951 HOT-DIP GALVANIZED CARBON STEEL WIRE

LAP SPLICE REINFORCEMENT IN CMU LENGTH = 28 INCHES (#5 BARS).

05120 STRUCTURAL STEEL

SEE SECTION 05120 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. GENERAL REQUIREMENTS
a. FABRICATOR REQUIREMENTS
b. SUBMITTALS
c. CODE REQUIREMENTS
2. PRODUCT / MATERIAL REQUIREMENTS
3. PAINTING REQUIREMENTS
4. EXECUTION OF WORK REQUIREMENTS
a. FABRICATION
b. ERECTION
5. QUALITY ASSURANCE REQUIREMENTS (INSPECTIONS & TESTING)

SUMMARY OF PROJECT MANUAL AND SPECIFICATIONS SECTION 05120 PRODUCTS:

- 1. MATERIALS
a. W SHAPES: AISC 360 (2010)
b. TUBE SHAPES: ASTM A 500 GR. 485 (40 KSI)
c. CHANNELS AND ANGLES: ASTM A 36 (36 KSI)
d. PLATES: ASTM A 36 (36 KSI)
e. BOLTS: ASTM A 325
f. ANCHOR BOLTS/RODS: ASTM F 1554, GRADE 36
g. ANCHOR BUSH/WASHERS: ASTM F 306
h. ELECTRODES FOR WELDING: AWS D1.1 CODE E70XX

TEMPERATURE PROTECTANT SHALL BE PROVIDED FOR ALL ANCHOR BOLTS/RODS CAST IN CONCRETE.

GALVANIZED STEEL MEMBERS INDICATED ON PLANS:

- 1. GALVANIZED STEEL MEMBERS, FABRICATIONS AND ASSEMBLIES AFTER FABRICATION BY THE HOT-DIP PROCESS IN ACCORDANCE WITH ASTM A 123.

COATING REQUIREMENTS:

- a. CONFORM TO PARAGRAPH 8.1 OF ASTM A 123, TABLE 1 OF ASTM A 153, OR TABLE 2 OF ASTM A 767 AS APPROPRIATE.
b. SURFACE FINISH: CONTINUOUS, ADHERENT, AS SMOOTH AND EVENLY DISTRIBUTED AS POSSIBLE AND FREE FROM ANY DEFECT DETRIMENTAL TO THE END USE OF THE COATED ARTICLE.
c. ADHESION: WITHSTAND NORMAL HANDLING CONSISTENT WITH THE NATURE AND THICKNESS OF THE COATING AND NORMAL USE OF THE ARTICLE.

- 3. REPAIR OF DAMAGED COATING: REPAIR DAMAGED AREAS BY WELDING, FLAME CUTTING OR DURING HANDLING, TRANSPORT OR ERECTION BY ONE OF THE APPROVED METHODS IN ACCORDANCE WITH ASTM A 780 WHENEVER DAMAGE EXCEEDS 3/16" IN WIDTH. MINIMUM THICKNESS REQUIREMENTS FOR THE REPAIR ARE THOSE DESCRIBED IN ASTM A 123 SECTION 8.2, CURRENT EDITION.

GROUT UNDER BEARING PLATES SHALL BE NON-METALLIC, NON-SHRINK TYPE WITH A COMPRESSIVE STRENGTH OF AT LEAST 6000 PSI WHEN BEARING ON 3000 PSI CONCRETE AND 8000 PSI WHEN BEARING ON 4000 PSI CONCRETE.

05210 STEEL JOISTS

SEE SECTION 05210 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. GENERAL REQUIREMENTS - STEEL JOISTS
a. SUBMITTALS
b. QUALITY ASSURANCE - REFERENCE SPECIFICATION REQUIREMENTS
c. DELIVERY, STORAGE, AND HANDLING REQUIREMENTS
2. PRODUCT / MATERIAL REQUIREMENTS
a. JOISTS, BRIDGING, AND ACCESSORIES
b. PAINTING
3. EXECUTION OF WORK REQUIREMENTS
a. INSTALLATION
4. QUALITY ASSURANCE REQUIREMENTS (INSPECTIONS & TESTING)

ALL JOISTS SHOWN IN THE PLANS ARE MINIMUM SIZES. DEPTH CANNOT BE INCREASED WITHOUT WRITTEN APPROVAL FROM ENGINEER OF RECORD.

STEEL JOIST FRAMING SHALL BE DESIGNED PER THE LOADING SHOWN ON THIS SHEET AND SHEET S3

DIAGONAL BRIDGING / BRACING SHALL BE BETWEEN ADJACENT JOISTS WHENEVER BOTTOM CHORD HORIZONTAL BRIDGING IS DISCONTINUOUS.

05310 STEEL DECK

REFER TO ROOF PLAN FOR METAL DECK SIZE AND ATTACHMENT INFORMATION.

SEE SECTION 05310 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. GENERAL REQUIREMENTS
a. SUBMITTALS
b. QUALITY ASSURANCE - REFERENCE SPECIFICATION REQUIREMENTS
2. PRODUCT / MATERIAL REQUIREMENTS
3. EXECUTION OF WORK REQUIREMENTS
a. INSTALLATION
b. ACCESSORIES
c. GALVANIZING REPAIR
4. QUALITY ASSURANCE REQUIREMENTS (INSPECTIONS & TESTING)

05400 COLD-FORMED METAL FRAMING

SEE SECTION 05400 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. GENERAL REQUIREMENTS
a. STRUCTURAL PERFORMANCE
b. SUBMITTALS
c. QUALITY ASSURANCE - REFERENCE SPECIFICATION REQUIREMENTS
2. PRODUCT / MATERIAL REQUIREMENTS
a. STEEL REQUIREMENTS
b. WALL FRAMING
c. JOIST FRAMING
d. FABRICATION
e. FASTENERS AND ACCESSORIES
f. REPAIR PAINTING
3. EXECUTION OF WORK REQUIREMENTS
a. INSTALLATION
2. TOLERANCES
3. LOAD-BEARING WALL
4. CURTAIN WALL
5. JOIST INSTALLATION
b. REPAIRS

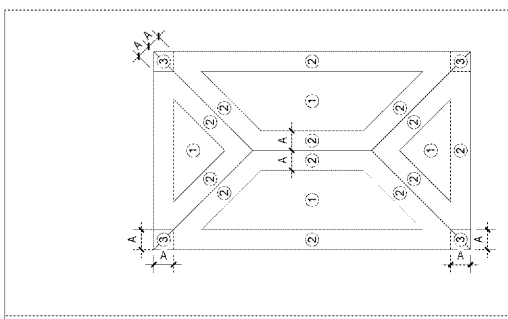
ALL FRAMING SHOWN IN THE PLANS ARE MINIMUM SIZES. DIMENSIONS CANNOT BE INCREASED WITHOUT WRITTEN APPROVAL FROM ENGINEER OF RECORD.

PREFABRICATED ROOF TRUSSES SHALL BE DESIGNED PER THE LOADING SHOWN ON DESIGN DRAWINGS - THIS SHEET.

PREFABRICATED ROOF TRUSSES SHALL BE DELIVERED, HANDLED, AND INSTALLED PER AISI S214-07.

ALL CLIPS AND FASTENING HARDWARE SHALL BE TESTED AND APPROVED FOR THE ELEMENTS LISTED.

LIGHT GAUGE FRAMING SYSTEMS INCLUDING TRUSS SYSTEMS SHALL INCLUDE ALL NECESSARY PARTS AND ACCESSORIES, TEMPORARY AND PERMANENT, AS REQUIRED TO FORM A COMPLETE SYSTEM (ANCHORAGE INCLUDED).



ALLOWABLE (ASD) WIND PRESSURES (ASCE 7-10) FOR COMPONENTS AND CLADDING

Table with columns for EFFECTIVE AREA (SQ FT), ZONE 1, ZONE 2, ZONE 3, ZONE 4, and ZONE 5. Each zone has POS. (PSF) and NEG. (PSF) values.

NOTES:

- 1. ROOF OVERHANG PRESSURES:
a. ZONE 2 OH: +18 PSF AND -32.6 PSF
b. ZONE 3 OH: +18 PSF AND -55.0 PSF
2. "A" DENOTES EDGE STRIP = 3'-0"
3. POSITIVE & NEGATIVE SIGNS SIGNIFY PRESSURES ACTING TOWARDS AND AWAY FROM THE BUILDING SURFACES, RESPECTIVELY (FULL HEIGHT, U.N.O.).
4. WIND PRESSURES INDICATED ABOVE ARE ALLOWABLE STRESS DESIGN WIND PRESSURES. DIVIDE THE PRESSURES BY A FACTOR OF 0.6 TO OBTAIN STRENGTH DESIGN WIND PRESSURES.

06100 ROUGH CARPENTRY / SHEATHING

SEE SECTION 06100 IN THE PROJECT MANUAL AND SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO:

- 1. PRODUCT / MATERIAL REQUIREMENTS
a. LUMBER, GENERAL
b. WOOD-PRESERVATIVE-TREATED MATERIALS
c. DIMENSIONAL LUMBER: APPROVED GRADES AND SPECIES
d. WOOD-BASED STRUCTURAL USE PANELS
e. FASTENERS AND ANCHORS
2. EXECUTION OF WORK REQUIREMENTS
a. INSTALLATION
1. TOLERANCES
2. FRAMING CONNECTION REQUIREMENTS
a. "RECOMMENDED NAILING SCHEDULE" APPA'S NDS FOR WOOD CONSTRUCTION
b. INTERNATIONAL BUILDING CODE TABLE 2304.8.1
3. FASTENER COATING REQUIREMENTS
4. REQUIRED QUALITY STANDARDS REFERENCES
a. AMERICAN PLYWOOD ASSOCIATION E30
b. AMERICAN PLYWOOD ASSOCIATION T25 WOOD STRUCTURAL PANELS OVER METAL FRAMING

WALL SHEATHING: APA RATED SHEATHING, EXTERIOR (C-C GRADE)

- 1. PANEL GRADE AND PERFORMANCE CATEGORY: STRUCTURAL 1: 5/8" PERFORMANCE CATEGORY
2. SPAN RATING: 4020
3. BLOCKING: 2" WIDE 43 MIL STRAPPING SHOULD BE PLACED PERPENDICULAR TO SUPPORTS
4. SHEATHING

ROOF SHEATHING: APA RATED SHEATHING, EXTERIOR (C-C GRADE)

- 1. NOMINAL THICKNESS: 5/8"
2. SPAN RATING: 4020
3. SHEATHING SHOULD BE PLACED PERPENDICULAR TO SUPPORTS

PARAPET SHEATHING: APA RATED SHEATHING, EXTERIOR (C-C GRADE)

- 1. PANEL GRADE AND PERFORMANCE CATEGORY: STRUCTURAL 1: 5/8" PERFORMANCE CATEGORY
2. SPAN RATING: 4020
3. SHEATHING SHOULD BE PLACED PERPENDICULAR TO SUPPORTS

FASTENERS

- 1. GENERAL: PROVIDE FASTENERS OF SIZE AND TYPE INDICATED TO COMPLY WITH REQUIREMENTS SPECIFIED IN THIS ARTICLE FOR MATERIAL AND MANUFACTURE.
2. SCREWS FOR FASTENING WOOD STRUCTURAL PANELS TO COLD-FORMED METAL FRAMING: ASTM C 954, EXCEPT WITH WAFFER HEADS AND ROUND POINTS, LENGTH AS RECOMMENDED BY SCREW MANUFACTURER FOR MATERIAL BEING FASTENED.
EQUIP EQUIV EQUIV ES EXIST EXP EXT EW FAB FD FIN FLULR FTG GA GALV/GV GC HAS HB HSB HSS HT INT JST JT K KO KSF KSI L LB LBS LD LDH LDV LGTH LBB LLB LLV

COORDINATE WALL, PARAPET, AND ROOF SHEATHING INSTALLATION WITH FLASHING AND JOINT-SEALANT INSTALLATION SO THESE MATERIALS ARE NOT APPLIED IN A MANNER THAT PREVENT EXTERIOR MOISTURE FROM PASSING THROUGH COMPLETE ASSEMBLY.

COORDINATE SHEATHING INSTALLATION WITH INSTALLATION OF MATERIALS INSTALLED OVER SHEATHING SO SHEATHING IS NOT EXPOSED TO PRECIPITATION OR LEFT EXPOSED AT END OF THE WORKDAY WHEN RAIN IS FORECAST.

IDENTIFICATION REQUIREMENTS: EACH PANEL SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF MANUFACTURER OR SURFACE EXPOSED LONG TERM TO WEATHER SHALL BE CLASSIFIED EXTERIOR.

PANEL PERFORMANCE CATEGORY, GRADE, AND GROUP NUMBER OR SPAN RATING SHALL BE AT LEAST EQUIVALENT TO THAT SHOWN ON THE DRAWINGS. APPLICATION SHALL BE IN ACCORDANCE WITH APA.

8" SPACING REQUIRED AT ALL PANEL ENDS AND EDGES.

WALL / PARAPET SHEATHING:

- 1. APPLY WEATHER-RESISTANT BARRIER OVER PANEL WALL SHEATHING.

09900 COATINGS FOR STEEL

REFER TO SPECIFICATIONS FOR GENERAL REQUIREMENTS, PRODUCTS, AND EXECUTION OF WORK.

ASPHALTIC BASED CORROSION RESISTANCE COATING SHALL BE MADE WITH AN ASPHALT-BASE EMULSION COATING SYSTEM PER ASTM D 1187.

APPLY A MINIMUM 1/16" THICK COATING IN TWO APPLICATIONS.

COATING TO BE APPLIED ON ALL SIDES OF MEMBERS - TO INCLUDE STEEL TO BE ADJACENT TO CAST-IN-PLACE CONCRETE.

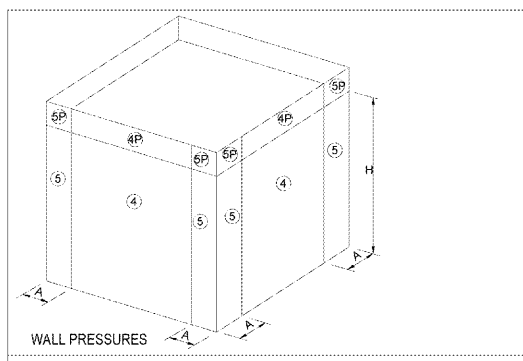
COAT STRUCTURAL ANCHOR BOLTS, WELDS, AND ALL COMPONENTS IN THE AFFECTED AND DEFINED AREA.

ALL STEEL AND STEEL COMPONENTS (I.E., BASE PLATES AND ANCHOR BOLTS) EXPOSED TOP SOIL SHALL BE COATED FROM THE FOUNDATION (LOWEST LEVEL) UP TO 6" ABOVE THE SLAB OR FINAL GRADE - WHICHEVER IS GREATER.

LIST OF STRUCTURAL ABBREVIATIONS

Table listing structural abbreviations and their full names, such as ANCHOR BOLTS, ADDL, ALT, ANCH, APPROX, ARCH, BB, BLDG, BM, BO, BOT, BOT/RTM, BP, BRG, BTW, CANT, CB, CC, CIP, CJ, CL, CLR, COL, CONC, CONNX, CONSTR, CONT, CORR, CMU, DET, DIA/DIAM, DIM, DIST, DN, DR, DWG, DWL, EACH, EMB, ENGR, EQ, EQUIP, EQUIV, ES, EXIST, EXP, EXT, EW, FAB, FD, FIN, FLULR, FTG, GA, GALV/GV, GC, HAS, HB, HSB, HSS, HT, INT, JST, JT, K, KO, KSF, KSI, L, LB, LBS, LD, LDH, LDV, LGTH, LBB, LLB, LLV.

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ALLOWABLE (ASD) WIND PRESSURES FOR COMPONENTS & CLADDING (ASCE 7-10)

Table with columns for EFFECTIVE AREA (SQ FT), ZONE 1, ZONE 2, ZONE 3, ZONE 4, ZONE 5, and PARAPET. Each zone has PRESSURE and SUCTION values.

NOTES:

- 1. PARAPET WIND PRESSURES:
CASE A = PRESSURES TOWARD THE BUILDING.
CASE B = PRESSURES AWAY FROM THE BUILDING.
2. "P" DENOTES PARAPET PRESSURE VALUES.
3. "A" DENOTES EDGE STRIP = 6'-0"
4. POSITIVE & NEGATIVE SIGNS SIGNIFY PRESSURES ACTING TOWARDS AND AWAY FROM THE BUILDING SURFACES, RESPECTIVELY (FULL HEIGHT, UNLESS NOTED).
5. WIND PRESSURES INDICATED ABOVE ARE ALLOWABLE STRESS DESIGN WIND PRESSURES. DIVIDE THE PRESSURES BY A FACTOR OF 0.6 TO OBTAIN STRENGTH DESIGN WIND PRESSURES

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PROJECT NAME: W50FB-VA 2018.01-MA STORE #8668-SUD 10891 DAVIDSON PLACE MANASSAS, VA 20109

Revision Schedule table with columns for No., Description, Date, and Bid Set.

PROJECT NO: 2170584 DATE: 01/04/2019 DRAWN: RC CHECKED: JJ