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GENERAL NOTES:

- 1) CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK AND SHALL NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER IMMEDIATELY OF ANY DISCREPANCIES...
2) DESIGN CRITERIA:
A) BUILDING CODE: IBC 2015
B) FLOOR LIVE LOAD: 100 PSF
C) ATTIC LIVE LOAD: 30 PSF
D) ROOF LIVE LOAD: 20 PSF
E) GROUND SNOW LOAD: 10 PSF
F) RISK CATEGORY: II
G) WIND LOAD DATA:
1) V: 117 MPH
2) WIND EXPOSURE FRONT: B
3) WIND EXPOSURE BACK: B
4) INTERNAL PRESSURE COEFF: +/- .18
5) COMPONENTS AND CLADDING LOADS (PSF):
I) ROOF INTERIOR ZONE: 9.60 -13.92
II) ROOF EDGE ZONE: 9.60 -23.54
III) ROOF CORNER EDGE ZONE: 9.60 -23.54
IV) WALL INTERIOR ZONE: 14.78 -16.03
V) WALL EDGE ZONE: 14.78 -19.78
VI) ROOF EDGE OVERHANG ZONE: 9.60 -27.55
VII) ROOF CORNER OVERHANG ZONE: 9.60 -46.33
H) EARTHQUAKE DESIGN DATA:
1) SEISMIC IMPORTANCE FACTOR: 1.0
2) Ss: 0.409
3) Si: 0.143
4) Sps: 0.401
5) Sds: 0.213
6) SITE CLASS: D
7) SEISMIC DESIGN CATEGORY: D
8) RESPONSE MODIFICATION FACTOR R: 6.5
9) SEISMIC RESPONSE COEFFICIENT Cs: 0.062
10) BASIC SEISMIC FORCE RESISTING SYSTEM: LIGHT FRAMED WOOD SHEAR WALLS
11) DESIGN BASE SHEAR: 41.0 KIPS
12) ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
13) FLODD LOADS: NOT APPLICABLE
14) DESIGN SOIL BEARING PRESSURE: 2500 PSF
3) THE DESIGN LOADING INFORMATION PROVIDED IS FOR INFORMATIONAL PURPOSES ONLY...
4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL TEMPORARY BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION...
5) CONTRACT DRAWINGS, DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE...
6) THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE AND ADJACENT TO THE SITE...
7) CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY UNUSUAL AND OR EXCESSIVE LOADS DUE TO EQUIPMENT OR CONSTRUCTION REQUIREMENTS...
8) THE CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES...
9) WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT AT CORRESPONDING PLACES SHALL BE REPEATED...
10) IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS, THE MORE RIGID REQUIREMENT SHALL BE ASSUMED TO GOVERN UNTIL A RULING IS MADE BY THE ARCHITECT/ENGINEER...
11) THE CONTRACTOR SHALL REFER TO ELECTRICAL, MECHANICAL, ARCHITECTURAL AND OTHER DISCIPLINES' DRAWINGS FOR LOCATIONS OF ALL OPENINGS...
12) THE ENGINEER'S APPROVAL OF SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS IN THE CONTRACT DOCUMENTS...
13) THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS IN A TIMELY MANNER, ALLOWING THE ENGINEER AT LEAST TWO WEEKS TO REVIEW THE SHOP DRAWINGS...
14) PRIOR TO SUBMITTING ANY ITEMS FOR APPROVAL, INCLUDING SHOP DRAWINGS, THE CONTRACTOR SHALL REVIEW THE MATERIALS AND COORDINATE ALL TRADES...
15) SUBMITTALS SHALL NOT BE THE REPRODUCTION OF THE CONTRACT DOCUMENTS...
16) THE CONTRACTOR SHALL NOT PROCEED WITH FABRICATION WITHOUT APPROVED SHOP DRAWINGS...
17) THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, ANCHOR BOLTS, ETC. AS REQUIRED FOR ALL TRADES PRIOR TO CONSTRUCTION...
18) SEE MECHANICAL, PLUMBING, FIRE PROTECTION, HVAC, ELECTRICAL AND OTHER TRADES' DRAWINGS FOR ADDITIONAL INFORMATION AFFECTING THE STRUCTURAL WORK INCLUDING:
A) HANGERS, SUSPENDED PIPING, SUSPENDED EQUIPMENT, SUSPENDED DUCT WORK
B) ELECTRICAL CONDUIT, ELECTRICAL BOXES
C) INSERTS, EMBEDMENTS AND OTHER SUPPORTED EQUIPMENT
D) SLAB ON GRADE OR FLOOR EQUIPMENT AND ANCHORS
E) UNDERGROUND DUCT, ELECTRICAL TRENCHES, SLEEVES, SLOTTED PIPING
F) SEISMIC TIES FOR EQUIPMENT REQUIRING ADDITIONAL WIND STABILIZATION
19) ONCE THE PROJECT IS COMPLETED, IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE THE APPROPRIATE MAINTENANCE TO PROTECT THE INTEGRITY OF THE STRUCTURE AS PART OF THE CONTRACT, THE CONTRACTOR SHALL BE REQUIRED TO INFORM THE OWNER(S) OF THIS IN WRITING...
20) THE STRUCTURAL DESIGN OF THIS BUILDING TAKES INTO CONSIDERATION THE ANTICIPATED GRAVITY, LATERAL AND UPLIFT LOADS BASED ON SOUND ENGINEERING JUDGEMENT...
21) THESE STRUCTURAL PLANS ARE BASED ON THE LATEST INFORMATION PROVIDED TO THE STRUCTURAL ENGINEER PRIOR TO THE DATE ON THESE DRAWINGS...
22) THE ARCHITECT OF RECORD SHALL BE COPIED ON ALL EMAILS.

FOUNDATION NOTES:

- 1) FOUNDATION DESIGN IS BASED ON A SOIL BEARING CAPACITY OF 2500 PSF. CONTRACTOR IS RESPONSIBLE TO INSURE THIS CONDITION EXISTS.
2) PLACE CONCRETE IN FOOTINGS ON SAME DAYS AS FOOTINGS ARE EXCAVATED.
3) THE CONTRACTOR SHALL OBTAIN A COPY OF THE SOILS REPORT BY ECS GARDLINAS, LLP. THE CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW ALL RECOMMENDATIONS IN THIS REPORT.
4) SIMPSON SET-XP EPOXY SHALL BE USED TO INSTALL ALL POST-INSTALLED THREADED RODS IN CONCRETE.
5) HOLE DIAMETER, DEPTH, CLEANING AND INSTALLATION OF EPOXY SHALL BE IN ACCORDANCE WITH SIMPSON SPECIFICATIONS FOR THE SPECIFIC EPOXY USED.
6) THE ANCHOR ROD MAY BE ADJUSTED DURING THE SPECIFIED GEL TIME, ACCORDING TO SIMPSON. DO NOT ADJUST OR DISRUPT THE THREADED ROD AFTER THIS GEL TIME HAS PASSED.
7) DO NOT INSTALL THE EPOXY IN THE CONCRETE WHEN ENVIRONMENTAL CONDITIONS SPECIFIED BY SIMPSON FOR THE EPOXY CANNOT BE MET.
8) PROVIDE ADEQUATE EXPOSED THREADING OF THE ANCHOR ROD TO PROVIDE FULL NUT ENGAGEMENT, FLUSH WITH THE OUTSIDE FACE. CARE SHOULD BE TAKEN TO INSURE THAT LENGTHS FOR ADDITIONAL PLATE WASHERS FOR OVERSIZED HOLES, SLOTTED HOLES FOR LATERAL LEADING PLATE WASHERS ARE TAKEN INTO ACCOUNT.

CONCRETE NOTES:

- 1) ALL CONCRETE SHALL HAVE THE FOLLOWING STRENGTHS:
A) SLABS AND FOOTINGS: 3000 PSI
B) SIDEWALKS: 2500 PSI
2) SUBMIT MIX DESIGN TO ENGINEER FOR APPROVAL.
3) THE CONCRETE SLUMP SHALL FALL WITHIN THE FOLLOWING RANGES:
A) FOOTINGS AND SLABS 4 TO 6 INCHES
4) THE CONCRETE AIR ENTRAINMENT SHALL FALL WITHIN THE FOLLOWING RANGES:
A) FOOTINGS AND SLABS: 1 TO 4%
B) SIDEWALKS: 5 TO 7%
C) STRUCTURAL CONCRETE SUBJECTED TO FREEZE AND THAW ACTION: 5 TO 7%
5) FLYASH MAY BE USED IN THE CONCRETE MIX. FLYASH SHALL ONLY BE USED AS A 2 TO 1 REPLACEMENT OF CEMENT (2 FLYASH PER 1 POUND CEMENT) UP TO 120 POUNDS OF FLYASH MAXIMUM.
6) ALL CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60.
7) ALL WELDED WIRE MESH TO BE ASTM A185 65 KSI.
8) REBAR SHOP DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH ACI DETAILING MANUAL LATEST EDITION.
9) MINIMUM LAP ON ALL REBAR SHALL BE 50 BAR DIAMETERS, UNLESS NOTED OTHERWISE.
10) REINFORCEMENT SHALL BE HELD IN PLACE DURING CONCRETE PLACEMENT. IF REQUIRED, ADDITIONAL BARS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.
11) SUBMIT REBAR SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
12) ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE APPLICABLE ACI CODES.
13) CUT ALL CONTROL JOINTS IN SLAB WITHIN 8 HOURS OF CONCRETE POUR.
14) NO CALCIUM CHLORIDE SHALL BE USED IN THE CONCRETE MIX.
15) THE CONTRACTOR SHALL TAKE THE PRECAUTIONS SPECIFIED BY ACI WHEN PLACING CONCRETE IN HOT OR COLD WEATHER CONDITIONS.
16) NO WATER SHALL BE ADDED TO THE CONCRETE AT THE SITE OR IN ROUTE TO THE SITE.
17) LAP ALL WELDED WIRE FABRIC 12" MINIMUM.
18) PROVIDE REBAR SUPPORTS AND TIES IN THE CONCRETE PER ACI AND CRSI SPECIFICATIONS.
19) A QUALIFIED TESTING LABORATORY SHALL BE RETAINED BY THE CONTRACTOR TO COLLECT CYLINDER AND PERFORM THE NECESSARY CONCRETE TESTS. A MINIMUM OF FOUR CYLINDERS SHALL BE TAKEN FOR EVERY 50 CUBIC YARDS PER POUR OF EACH DAY'S POUR. ONE CYLINDER SHALL BE TESTED AT 7 DAYS. 2 CYLINDERS SHALL BE TESTED AT 28 DAYS AND THE REMAINING CYLINDER SHALL BE HELD IN RESERVE IF NEEDED. ONE COPY OF THE TEST REPORTS SHALL BE SENT TO THE ARCHITECT AND STRUCTURAL ENGINEER. NO ADDITIONAL ELEMENTS SHALL BE ADDED TO THE CONCRETE AFTER THE CONCRETE FOR THE CYLINDERS IS TAKEN.
20) IN ADDITION TO THE CONCRETE CYLINDERS THE TESTING LABORATORY SHALL PERFORM THE FOLLOWING TEST EACH TIME CONCRETE CYLINDERS ARE TAKEN:
A) STANDARD SLUMP TEST
B) AIR ENTRAINMENT TEST
C) TEMPERATURE
21) THE CONTRACTOR SHALL REPAIR AND PATCH DEFECTIVE AREAS IMMEDIATELY AFTER REMOVAL OF FORMS.
22) ALL PLUMBING SLOTTED SHALL BE FULLED WITH CONCRETE TO THE SAME DEPTH AS THE FLOOR SLAB AND REBAR FULLED.
23) REBAR DOWELS SHALL BE FULLY VERTICAL REINFORCING. ALL SLAB DOWELS SHALL BE SMOOTH SMOOTH AND FREE OF BURRS AT THE ENDS. DOWELS SHALL BE PROPERLY SUPPORTED DURING CONSTRUCTION AND PROPERLY ALIGNED TO KEEP DOWELS PARALLEL TO THE DIRECTION OF EXPECTED MOTION.
24) THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN OF ALL TEMPORARY FRAMEWORK, FORMWORK AND SHORING.
25) ALL NON-SHRINK GROUT SHALL BE PLACED UNDER COLUMN BASE PLATES ONCE THE STEEL COLUMN IS IN PLACE AND PLUMB.

STRUCTURAL STEEL NOTES:

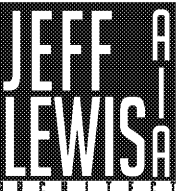
- 1) NO STEEL SHALL BE FABRICATED WITHOUT APPROVED SHOP DRAWINGS.
2) ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
3) ALL PIPE STEEL SHALL BE ASTM A501 OR A53 GRADE B.
4) ALL HSS STEEL SHALL BE ASTM A500 GRADE B.
5) ALL WIDE FLANGES AND MAJOR ROLLED SHAPES SHALL BE ASTM A992 GRADE 50.
6) ALL BASEPLATES, CAP PLATES, CONTINUITY PLATES, DOUBLER PLATES, GUSSET PLATES AND WEB STIFFENER PLATES SHALL BE ASTM A572 GRADE 50.
7) ALL OTHER STEEL AND MISCELLANEOUS ROLLED SHAPES SHALL BE ASTM A36.
8) ALL ANCHOR BOLTS SHALL BE A307.
9) NUTS SHALL BE ASTM A-563, HEAVY HEX CARBON STEEL. BOLTS, ANCHOR BOLTS AND THREADED RODS SHALL BE SIZED SUCH THAT NUT PROVIDE FULL THREAD ENGAGEMENT, FLUSH WITH THE OUTSIDE FACE OF THE NUT.
10) ALL BOLTS, NUTS AND WASHERS FOR STEEL CONNECTIONS SHALL BE ASTM A-325 BOLTS (A-490 WHERE SPECIFIED OTHERWISE). ALL BOLTS SHALL BE 3/4 INCH DIAMETER, UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE PRETENSIONED PER AISC SPECIFICATIONS. REUSE OF PREVIOUSLY PRETENSIONED BOLTS IS NOT ALLOWED.
11) WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED IN ACCORDANCE WITH AWS REQUIREMENTS. A COPY OF THE WELD CERTIFICATES SHALL BE KEPT ON SITE AND IN THE SHOP. THE WELD CERTIFICATE SHALL SHOW THE TYPE, SIZE, POSITION AND BASE METALS THE WELDER IS CERTIFIED TO PERFORM WELDING OPERATIONS.
12) ALL WELDS SHALL BE E70XX ELECTRODES.
13) THE MINIMUM WELD SIZE SHALL BE 1/4 INCHES, UNLESS NOTED OTHERWISE ON THE DETAILS, BUT NOT MORE THAN THE BASE METAL THICKNESS. WHERE THICKNESS OF METALS BEING WELDED REQUIRE A LARGER MINIMUM SIZE PER AISC, THE AISC REQUIREMENTS SHALL GOVERN.
14) ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY (AWS) MANUAL, AWS D1.1 LATEST EDITION.
15) PLATE WASHERS FABRICATED WITH STANDARD HOLES FOR ANCHOR RODS INSTALLED IN OVERLAPED HOLES SHALL CONFORM TO TABLE 14-2 OF AISC STEEL CONSTRUCTION MANUAL, LATEST EDITION. WHERE ANCHOR RODS RESIST LATERAL LOADS, PLATE WASHERS SHALL BE WELDED TO THE BASE PLATE TO DEVELOP THE HORIZONTAL CAPACITY OF THE ANCHOR ROD.
16) THE CONTRACTOR SHALL NOT FIELD MODIFY THE STRUCTURAL STEEL CONNECTIONS FABRICATION OR CONSTRUCTION ERRORS WITHOUT SUBMITTING A PROPOSED CORRECTION TO THE STRUCTURAL ENGINEER AND RECEIVING APPROVAL FOR THIS CORRECTION.
17) THE CONTRACTOR SHALL NOT FIELD CUT STEEL WITH GAS TORCHES OR WELD BURN HOLES FOR BOLTED CONNECTIONS.
18) THE CONTRACTOR SHALL KEEP A DETAILED RECORD OF ALL FIELD CHANGES AND REPAIRS. ALL MODIFICATIONS OF STRUCTURAL FRAMING SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO PERFORMING THE WORK.
19) THERE SHALL BE NO CUTTING OF THE STRUCTURAL STEEL BY OTHER MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

WOOD CONSTRUCTION NOTES:

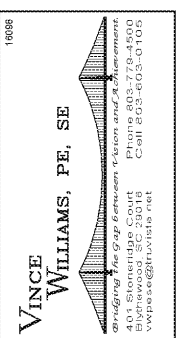
- 1) ALL WOOD CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION LATEST EDITION.
2) ALL LOAD BEARING WALL STUDS SHALL BE No. 1 GRADE SOUTHERN YELLOW PINE.
3) ALL WOOD ON GROUND SHALL BE PER THE AMERICAN PLYWOOD ASSOCIATION RECOMMENDATIONS AND SPECIFICATIONS FOR INSTALLATION, SHEATHING GAPS, BLOCKING AND GLUING.
4) ALL PLYWOOD AND O.S.B. SHALL BE SOUTHERN PINE APA RATED SHEATHING STRUCTURAL I GRADE.
5) ALL EXTERIOR WALL SHEATHING SHALL BE 1/2" APA RATED STRUCTURAL I SHEATHING. ATTACH THE SHEATHING TO THE STUDS WITH 10d NAILS AT 6" O.C. PANEL EDGES AND 12" O.C. FIELD. BLOCK ALL EDGES UNLESS NOTED OTHERWISE ON THE PLANS.
6) ALL ROOF SHEATHING SHALL BE 5/8" APA RATED STRUCTURAL I SHEATHING. ATTACH THE SHEATHING TO THE JOISTS OR TRUSSES WITH 10d NAILS AT 6" O.C. PANEL EDGES AND 12" O.C. FIELD AND 4" ON CENTER AT RAKES, RIDGES AND EAVES. BLOCK ALL EDGES UNLESS NOTED OTHERWISE ON THE PLANS.
7) ALL SUBFLOOR SHALL BE TONGUE AND GROOVE 3/4" APA RATED STRUCTURAL SHEATHING. ATTACH TO JOISTS OR TRUSSES WITH 10d NAILS AT 6" ON CENTER PANEL EDGES AND 12" ON CENTER FIELD. GLUE PLYWOOD TO THE JOIST OR TRUSSES WITH HEAVY DUTY LIQUID NAILS FOR CONSTRUCTION.
8) ALL CONNECTIONS NOT SPECIFICALLY DETAILED IN THE PLANS SHALL BE AS SPECIFIED IN THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION OR THE INTERNATIONAL BUILDING CODE, WHICHEVER IS MOST CONSERVATIVE.
9) ALL BRIDGING, BLOCKING, GLUING AND ERECTION SHALL BE IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
10) ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE, BUT NOT EXPOSED TO THE WEATHER, SHALL BE PRESSURE TREATED WITH SODIUM BORATE.
11) ALL WOOD IN CONTACT WITH THE GROUND OR EXPOSED TO THE WEATHER, WIND BLOWN RAIN INCLUDED, SHALL BE A.C.Q. PRESSURE TREATED.
12) ALL METAL IN CONTACT WITH SODIUM BORATE PRESSURE TREATMENT SHALL BE HOT DIPPED GALVANIZED.
13) ALL METAL IN CONTACT WITH A.C.Q. PRESSURE TREATMENT SHALL BE ASTM A304 OR ASTM A316 STAINLESS STEEL.
14) ALL BASEPLATE ANCHORS TO CONCRETE OR GROUT FILLED MASONRY SHALL BE 1/2" DIAMETER SIMPSON TITEN HD ANCHORS. THE ANCHOR BOLTS SHALL BE DRILLED THROUGH THE BASEPLATE AND BE EMBEDDED A MINIMUM OF 5" IN THE CONCRETE OR GROUT. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION PLANS, BUT SHALL NOT EXCEED 18" ON CENTER. ANCHOR BOLTS SHALL BE INSTALLED AT THE JAMB STUDS OF ALL WINDOWS AND DOORS, THE ENDS OF ALL WALLS AND IN ALL WALL CORNERS.
15) INSTALL ALL SIMPSON TITEN HD ANCHORS IN ACCORDANCE WITH ALL SIMPSON PRODUCT SPECIFICATIONS AND DIRECTIONS.
16) ALL STRAPS, TIES, CONNECTORS, AND HURRICANE CLIPS SHALL BE INSTALLED WITH THE MAXIMUM NAILS OR SCREWS IN ACCORDANCE WITH THE PRODUCT MANUFACTURER'S SPECIFICATIONS FOR MAXIMUM CAPACITY.
17) ALL MICROROLLAM BEAMS SHALL BE MEET THE FOLLOWING REQUIREMENTS:
A) STYLE = MICROROLLAM LSL BY TRUSJOIST OR EQUIVALENT
B) GRADE = 2.0E
C) Fb = 2600 psi
D) Ft = 1555 psi
E) Fv = 285 psi
F) Fc = 2510 psi
G) E = 2,000,000 psi

MASONRY NOTES:

- 1) ALL CMU SHALL BE F'm = 1500 LIGHTWEIGHT ASTM C90.
2) FILL ALL REINFORCED MASONRY UNITS, ALL UNITS BELOW GRADE, AND ALL UNITS SUPPORTING SOIL WITH 3000 PSI GROUT PER ASTM C476.
3) GROUT LIFTS IN VERTICAL CELLS SHALL NOT EXCEED 4'-0".
4) MORTAR FOR MASONRY SHALL BE ASTM C270 TYPE "S".
5) HORIZONTAL JOINT REINFORCEMENT SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A153 CLASS B2.
6) HORIZONTAL JOINT REINFORCEMENT SHALL BE HEAVY DUTY LADDER TYPE CERTIFIED FOR USE IN SEISMIC DESIGN CATEGORIES C OR D.
7) ALL BRICK TIES SHALL BE SPACED AT 16" O.C. VERTICALLY AND HORIZONTALLY. ALL TIES SHALL BE RJ 7-11 OR EQUIVALENT SEISMIC BRICK TIES.
8) PROVIDE FACTORY MADE SECTIONS AT CORNERS AND WALL INTERSECTIONS.
9) SEE OTHER DISCIPLINES' DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
10) SPACE CONTROL JOINTS IN WALL AT 30'-0" ON CENTER. JOINTS IN CONTROL JOINTS IN SLAB WHERE POSSIBLE.
11) ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH ALL SPECIFICATIONS.
12) THE CONTRACTOR SHALL TAKE ADDITIONAL PRECAUTIONS WHEN MASONRY IS TO BE CONSTRUCTED DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 32 DEGREES FAHRENHEIT). DURING HOT CONDITIONS (ABOVE 90 DEGREES FAHRENHEIT) PRECAUTIONS SHALL BE TAKEN TO MINIMIZE EXCESS HEAT IN THE MASONRY UNITS, WATER AND MORTAR. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATION DESCRIBED BY THE PORTLAND CEMENT ASSOCIATION FOR COLD OR HOT WEATHER CONSTRUCTION.
13) ALL VERTICAL AND HORIZONTAL REBAR SHALL BE THE SAME SIZE AS SHOWN ON THE STRUCTURAL PLANS AS THE MAIN WALL REINFORCING.
SPECIFICATIONS:
1) SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE SECTION 1704.
A) FREQUENCY: CONTINUOUS UNLESS SPECIFICALLY PERMITTED BY THE PRINCIPAL CODE OF RECORD TO BE PERIODIC.
SPECIAL INSPECTOR: SHALL BE A LICENSED PROFESSIONAL ENGINEER OR A PERSON LICENSED TO PERFORM SPECIAL INSPECTIONS IN THE SPECIFIC AREA OF THE WORK BEING INSPECTED.
2) SOILS INSPECTIONS:
A) SITE PREPARATION
B) BEARING SURFACES
C) FILL MATERIALS AND PLACEMENT
D) IN-PLACE DENSITY
3) CONCRETE INSPECTIONS:
A) MIX DESIGN AND MATERIALS
B) INSTALLATION OF EMBEDDED ANCHOR BOLTS
C) PLACEMENT AND FINISHING OF CONCRETE
D) CURING AND WEATHER/ENVIRONMENTAL PROTECTION METHODS
E) SAMPLING AND TESTING DURING PLACEMENT
F) STRENGTH TESTING AND VERIFICATION
G) EXCEPTIONS:
a) ISOLATED SPREAD FOOTINGS IN A ONE-STORY BUILDING
b) NON-STRUCTURAL SLAB ON GRADE
4) REINFORCING STEEL INSPECTIONS:
A) TYPE, SIZE, AND GRADE VERIFICATION
B) PLACEMENT VERIFICATION
C) CHAIRS AND TIES USE AND INSTALLATION
5) STEEL INSPECTIONS: NOT APPLICABLE
6) MASONRY INSPECTION: NOT APPLICABLE
7) THE INSPECTION AGENT SHALL PREPARE AN INSPECTION REPORT AFTER EACH DAY'S INSPECTION. THIS REPORT SHALL BE SUBMITTED TO THE OWNER, THE ARCHITECT AND THE STRUCTURAL ENGINEER.
8) THE CONTRACTOR SHALL KEEP A SPECIAL INSPECTION LOG ON SITE AT ALL TIMES. THIS LOG SHALL CONTAIN THE FOLLOWING:
A) DOCUMENTATION OF THE SPECIAL INSPECTOR'S DAYS ON SITE.
a) TIME AND DATE THE INSPECTOR ARRIVED
b) TIME AND DATE THE INSPECTOR LEFT
c) SPECIFIC TRADE BEING INSPECTED
d) DETAILED DESCRIPTION OF ITEMS INSPECTED
B) A COPY OF THE FIELD NOTES TAKEN BY THE SPECIAL INSPECTOR EACH DAY
C) A COPY OF EACH OF THE DISTRIBUTED SPECIAL INSPECTION REPORTS
D) A COPY OF EACH NOTICE OF DISCREPANCY
E) A DETAILED LOG TRACKING EACH NOTICE OF DISCREPANCY AND THE DATE THE SPECIAL INSPECTOR VERIFIED THE DISCREPANCY AS RESOLVED.
9) THE STRUCTURAL ENGINEER, THE ARCHITECT, THE CONTRACTOR, THE BUILDING OFFICIAL AND THE OWNER SHALL BE SENT A COPY OF ALL SPECIAL INSPECTION REPORTS, NOTICES OF DISCREPANCIES AND REPORT VERIFYING THE RESOLUTION OF ANY DISCREPANCY.



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Table with columns: REV., DATE, DESCRIPTION

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