

GENERAL NOTES:

GENERAL CONTRACTOR , PRIOR TO STARTING CONSTRUCTION, SHALL REVIEW ALL DRAWINGS AND RELATED DOCUMENTS AND CONFIRM THAT HE CAN BUILD THE PROJECT EFFICIENTLY AND ECONOMICALLY. HE SHALL CONTACT ENGINEER IN WRITING FOR ADDITIONAL INFORMATION OR CLARIFICATIONS. IF HE DEEMS IT NECESSARY, PRIOR TO THE COMMENCEMENT OF THE PROJECT.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK PERFORMED BY HIM AND BY ALL HIS SUBCONTRACTORS AND SHALL BE RESPONSIBLE TO BUILD IN STRICT COMPLIANCE WITH THESE PLANS AND SPECIFICATIONS. VARIANCE FROM PLANS AND SPECIFICATIONS NEED WRITTEN APPROVAL OF ENGINEER. ENGINEER MAY OR MAY NOT GRANT APPROVAL OR MAY REQUIRE DESIGN CALCULATIONS CERTIFIED BY A PROFESSIONAL ENGINEER CERTIFIED TO PRACTICE IN THE STATE OF MISSISSIPPI.

WRITTEN DIMENSIONS GOVERN ALL DRAWINGS. DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE THE CONTROLLING DIMENSIONS.

GENERAL CONTRACTOR SHALL OBTAIN ALL NECESSARY BUILDING PERMITS AND CERTIFICATES FROM LOCAL, STATE OR FEDERAL AGENCIES , SHALL PERFORM AND REQUIRE ALL HIS SUBCONTRACTORS TO PERFORM IN STRICT COMPLIANCE WITH THE REGULATIONS OF ALL GOVERNING AGENCIES AND IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS, PAY REQUIRED FEES UNLESS HAS MADE DIFFERENT ARRANGEMENT WITH THE OWNER.

GENERAL CONTRACTOR SHALL COORDINATE WITH THE CONCRETE CONTRACTOR PLACEMENT OF THE REQUIRED OPENINGS IN CONCRETE WHICH WILL BE REQUIRED BY PLUMBING AND OTHER TRADES FOR THEIR INSTALLATION REQUIREMENTS.

DETAILS SHOWN ON THESE DRAWINGS TO BE REGARDED AS TYPICAL AND WILL APPLY TO SITUATION SIMILAR ELSEWHERE ON THIS PROJECT BUT CONTRACTOR SHALL CONFIRM WITH ENGINEER PRIOR TO APPLICATION OF THE DETAIL.

DESIGN CRITERIA:

DESIGN CODES: (GENERAL CONTRACTOR AND ALL SUBCONTRACTOR'S WORKMANSHIP, DETAILS AND DESIGN TO BE GOVERNED BY FOLLOWING CODES)

BUILDING CODE REQUIREMENTS FOR  
REINFORCED CONCRETE (ACI 318).  
STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).  
INTERNATIONAL BUILDING CODE: 2008  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, (AISC) LATEST EDITION  
STEEL DECK INSTITUTE SPECIFICATIONS LATEST EDITION  
SPECIFICATIONS FOR MASONRY STRUCTURES: LATEST EDITION.  
SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDING (AISC LATEST EDITION)  
UNIFIED FACILITIES CRITERIA :: UFC 3-310-01 "STRUCTURAL LOAD DATA"

DESIGN LOADS:

LOADS	LIVE LOAD	DEAD LOAD
ROOF LOAD	20 psf	30 psf
GUEST ROOMS	40 psf	57 psf
HALLWAY	40 psf	57 psf
HALLWAY AT ELEVATOR	100 psf	57 psf
SLAB ON GRADE	100psf	
PARTITION WALL LOADS	15psf	

WIND DESIGN

BASIC WIND SPEED (3 SECOND GUST) 100 mph  
WIND IMPORTANCE FACTOR = I = 1  
WIND EXPOSURE FACTOR= B

DESIGN BASE SHEAR= 149 Kips

SEISMIC DESIGN

SEISMIC IMPORTANCE FACTOR = I.0  
OCCUPANCY CATEGORY = II  
SITE CLASS = D

DAMPED SPECTRAL RESPONSE  
Ss = 0.192  
S1 = 0.084

SPECTRAL RESPONSE COEFF  
Sds = 0.205  
Sd1 = 0.134

SEISMIC DESIGN CATEGORY = C  
SEISMIC & WIND FORCE RESISTING SYSTEM= Floor Conc Deck & Rein. CMU Stair  
RESPONSE MODIFICATION FACTOR = 5.0  
SEISMIC RESPONSE FACTOR= 0.041  
DESIGN BASE SHEAR= 167.2 kips  
ANALYSIS PROCEDURE USED : EQUIVALENT LATERAL FORCE METHOD

FOUNDATION DESIGN

SOIL INVESTIGATION IS PERFORMED BY GEOTECHNICAL ASSOCIATES NETWORK, LLC  
110 BEECHTREE ROAD VICKSBURG, MS 39183-7464

TITLE "SUBSURFACE INVESTIGATION FOR COURTYARD MARRIOTT RIVERWIND DRIVE PEARL ,MS DECEMBER 2008 "

FOOTINGS ARE SIZED FOR RECOMMENDED ALLOWABLE PRESSURE OF 2800 P.S.F FOR INDIVIDUAL SPREAD FOOTING UNDER COLUMNS AND 2300 P.S.F. FOR CONTINUOUS FOOTINGS UNDER WALLS.

REQUIREMENTS FOR CONSTRUCTION ARE STIPULATED IN "FOUNDATION RECOMMENDATION". AND "SITE PREPARATION" OF THE REPORT AND IT IS ASSUMED THAT THOSE INSTRUCTIONS ARE FOLLOWED DURING CONSTRUCTION BY SITE CONTRACTOR UNDER GENERAL CONTRACTOR'S SUPERVISION.

IT IS EXPECTED THAT GENERAL CONTRACTOR WILL ENFORCE THOSE REQUIREMENTS AND AS RECOMMENDED IN REPORT WILL EMPLOY SERVICES OF GEOTECHNICAL ENGINEERING COMPANY FOR REQUIRED INSPECTIONS AND TESTING.

GENERAL NOTES FOR FOUNDATION EXCAVATION:

- FOUNDATION SHOULD BE NEAT EXCAVATED. EXCAVATION SHOULD BE ACCOMPLISHED WITH A SMOOTH-MOUTH BUCKET. IF A TOOTHED BUCKET IS USED, EXCAVATION WITH THIS BUCKET SHOULD BE STOPPED 12 INCHES ABOVE FINAL GRADE AND THE EXCAVATION COMPLETED WITH A SMOOTH -MOUTHED BUCKET OR BY HAND LABOR.
- IF GEOTECH ENGINEER DETERMINES THAT EXCAVATED EXPOSED SOIL NEED PROTECTION FROM RAIN OR EXCESSIVE MOISTURE WHICH OTHERWISE WOULD AFFECT ADVERSELY THE CAPACITY OF THE FOUNDATION MAY REQUIRE TO PLACE A LEAN CONCRETE SLAB POURED OVER FRESHLY EXCAVATED SOIL.
- SIDES OF EXCAVATION MAY SLOUGH TO SOME EXTENT WITH TIME. SLOUGHED SOILS AND OTHER DEBRIS IN THE BOTTOM OF THE EXCAVATION SHOULD BE REMOVED PRIOR TO STEEL PLACEMENT.
- FOOTING CONSTRUCTION MONITORING:: DEPTH TO COMPETENT BEARING SOILS ARE BASED ON CONDITIONS ENCOUNTERED ONLY AT THE BORING LOCATIONS. HOWEVER, SIGNIFICANT VARIATIONS CAN OCCUR OVER SHORT HORIZONTAL DISTANCES. PRIOR TO PLACEMENT OF CONCRETE, FOOTINGS SHOULD BE OBSERVED TO DETERMINE THAT:
  - FOOTING BEARS IN THE PROPER BEARING STRATA AT THE DEPTH RECOMMENDED IN THE GEOTECHNICAL REPORT.
  - FOOTING IS CONSTRUCTED TO THE PROPER DIMENSIONS AND STEEL REINFORCEMENTS ARE PLACED AS SHOWN ON STRUCTURAL DRAWINGS.
  - EXCESSIVE CUTTING, BUILD UP OF CUTTINGS AND ANY OTHER SOFT COMPRESSIBLE MATERIALS HAVE BEEN REMOVED FROM THE BOTTOM OF THE EXCAVATIONS.

AN EXPERIENCED QC LABORATORY SOIL TECHNICIAN, UNDER THE DIRECTION OF THE GEOTECHNICAL ENGINEER, SHOULD BE PRESENT DURING FOUNDATION INSTALLATION. TO VERIFY THAT THE PROPER BEARING STRATUM HAS BEEN REACHED, THE EXCAVATION DIMENSIONS ARE AS DESIGNED, AND THAT THE EXCAVATION IS CLEAN AND DRY BEFORE REINFORCING AND CONCRETE ARE PLACED. EXCAVATION CONTRACTOR IS RESPONSIBLE TO STABILIZE THE CUT BY INSTALLING VERTICAL BRACING TO SUPPORT CUTS ACCORDING TO OSHA REQUIREMENTS.

FORM NOTES:

USE OF EARTH TRENCH FORMS FOR FOOTINGS ARE PERMITTED PROVIDED THE CUTS IN SOIL ARE STABLE & WORKABLE AND MAINTAIN FOOTING AND/OR GRADE BEAM DIMENSIONS AS PER THE DRAWINGS DURING CONCRETE POURING AND SETTING.

CONCRETE FORMS AND SUPPORTS SHOULD BE STRONG TO SUPPORT THE WET CONCRETE DURING PLACEMENT OF CONCRETE AND OTHER ASSOCIATED LOADS WHILE MAINTAINING THE SHAPE AND ALIGNMENT OF STRUCTURAL SHAPE AS REQUIRED BY DRAWINGS.

CONCRETE NOTES:

- REQUIREMENT OF LEVEL CONCRETE SLAB  
THIS PROJECT REQUIRES USE OF WALL PANELS OF PRECISE DIMENSION MANUFACTURED IN CONTROLLED MANUFACTURING FACILITY WHICH PRECLUDES ANY FIELD ADJUSTMENT TO THE DIMENSION OF WALL PANELS. CONTRACTOR PLACING CONCRETE SLAB SHALL TAKE ALL PRECAUTION TO PROVIDE LEVEL BASE ON WHICH THE WALL PANEL WILL BE PLACED.
- 28 DAY CONCRETE STRENGTH  
ALL CONCRETE FOR THIS PROJECT SHALL BE NORMAL WEIGHT CONCRETE OF 3000 PSI. CONCRETE SHALL CONFORM TO ACI-301 SPECIFICATIONS USE OF ADMIXTURES CONTAINING CHLORIDE SALT IS NOT PERMITTED ACCORDING TO SDI SPECIFICATION FOR ALL CONCRETE POURED ON STEEL DECK .

FIBERMESH REINFORCEMENT:

SECONDARY CONCRETE REINFORCING SHALL BE TYPE III, SYNTHETIC FIBERS AS SPECIFIED BY ASTM 1116. TYPE AND QUANTITY OF FIBERS TO BE AS SPECIFIED BY ASTM SPECIFICATION.

SURFACE FINISH

GIVE FOLLOWING FINISHES TO EXPOSED SURFACES:  
SMOOTH FINISH TO BEAMS, LINTELS ETC  
45° CHAMFER TO ALL EXTERNAL CORNERS WHICH WILL BE EXPOSED AT COMPLETION OF THE PROJECT.  
SLAB EXPOSED TO WEATHER SHALL HAVE ROUGH FINISH.  
CONSULT ARCHITECT'S REQUIREMENT FOR FINISH TO SLAB INTERIOR TO BUILDING.  
REMOVE FINS, PROJECTIONS AND FORM MARKS , RUB SURFACES WITH CEMENT (BUT NOT MORTAR OR GROUT) OR CARBORANDUM BRICK WHICH WILL LEAVE SURFACES UNIFORMLY SMOOTH AND WASHED CLEAN.

LABORATORY TEST

- A QUALIFIED TESTING LABORATORY WILL BE RETAINED BY THE CONCRETE CONTRACTOR AT HIS EXPENSE TO TEST CONCRETE FOR 7 & 28 DAY STRENGTH. REQUIRED MINIMUM SAMPLING FREQUENCY WILL BE AS FOLLOWS:
  - ONCE PER DAY BUT NOT LESS THAN CONDITIONS (b) AND (c) BELOW
  - ONCE FOR EACH 150 CU. YDS. PLACED EACH DAY
  - ONCE FOR EACH 5000 SQ. FT. OF SLAB PLACED EACH DAY..

GENERAL NOTE FOR CONCRETE CONTRACTOR

ALL OTHER TRADES (ELECTRICAL, MECHANICAL ETC.) SHALL COORDINATE WITH CONCRETE CONTRACTOR REQUIREMENT FOR OPENINGS FOR THEIR PIPES ETC. BEFORE CONCRETE IS POURED.

REINFORCING STEEL NOTES:

DETAILING STANDARDS:

REINFORCEMENT DETAILING SHALL CONFORM TO STANDARDS OF "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION

MATERIAL PROPERTIES

REINFORCING STEEL  
ALL SIZES EXCEPT #3 : ASTM A615, GRADE 60  
#3 : ASTM A615, GRADE 40

MARKED WITH LETTER "S" CONFORMING TO A305  
WELDED WIRE MESH  
ASTM 185 USE 6X6-W2.0XW2.0 FOR THIS PROJECT

LAP LENGTH - REINFORCEMENT

30 DIAMETER OVERLAP BUT NOT LESS THAN 18"

LAP LENGTH - WIRE FABRIC

TWO CROSS-WIRE = 12"

MINIMUM PROTECTIVE CONCRETE COVER FOR REINFORCEMENT

SURFACE EXPOSED TO GROUND 3"  
FOR BEAMS & COLUMNS 1.5"  
FOR SLAB 0.75"

SECURING REINFORCEMENT & WIRE FABRIC AGAINST DISPLACEMENT

USE CLIPS,METAL CHAIRS, SPACERS FOR REINFORCEMENT  
SUPPORT WIRE FABRIC ON #4 BARS SUPPORTED ON CLIPS AT4' O.C.

STRUCTURAL STEEL

MATERIAL PROPERTIES:

UNLESS NOTED OTHERWISE FOLLOWING STEEL SHALL BE USED:  
ALL STRUCTURAL SHAPES & PLATES :: ASTM A992 (Fy= 50 ksi)  
SQUARE STRUCTURAL TUBING :: ASTM A500 GRADE B (Fy=46.0 KSI)  
FOR WELDING USE "70 KSI LOW HYDROGEN ELECTRODES"  
HIGH STRENGTH BOLTS :: A325  
USE A325-X 3/4"Ø BOLTS FOR ALL CONNECTIONS. (HEAVY HEAD BOLTS WITH HEAVY HEX NUTS AND HARDENED WASHERS TO BE USED)

NOTES FOR FABRICATOR

ALL STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL (SSPC) SURFACE CLEANING SPECIFICATION SSPC-SP3.

PAINT WITH STANDARD RED OXIDE PRIMER, MIN. 2 MIL DRY FILM OR USE ZINC RICH PRIMER OR TWO PART EPOXY PRIMER.

CONNECTIONS

ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTIONS.

ALL BEAM-COLUMN CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTION TYPE AS DETAILED IN A.I.S.C's , "ALLOWABLE STRESS DESIGN SIMPLE SHEAR CONNECTIONS" DETAIL BOOK. DETAILS ARE SHOWN ELSEWHERE IN THESE DRAWINGS FOR BEAM THAT IS CONTINUOUS OVER THE SUPPORT.

SHOP DRAWINGS:

IF SHOP FABRICATOR IS TO DEVELOP ANY DETAIL AND/OR CONNECTION NOT SHOWN IN THIS SET SHOULD SUBMIT TO THE ENGINEER FOR REVIEW.

REVIEW OF SUBMITTED SHOP DRAWINGS BY THE ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTING THE SHOP DRAWINGS TO THE ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR OMISSIONS AND ERRORS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

CONTRACTOR TO REVIEW ALL SHOP DRAWING SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER. SHOP DRAWINGS RECEIVED BY ARCHITECT/ENGINEER THAT HAVE NOT BEEN CHECKED AND COORDINATED BY THE CONTRACTOR WILL BE RETURNED WITHOUT ARCHITECT/ENGINEER'S REVIEW.

LOAD BEARING METAL STUDS:

MANUFACTURER OF WALL PANELS AND FIELD ERECTOR OF THESE PANELS ARE REQUIRED TO FOLLOW DETAILS '5' TO '12' OF "GENERAL DETAILS" DRAWING IN ADDITION TO THE REQUIREMENTS OF FOLLOWING NOTES.

ALL COLD-FORMED STEEL MEMBERS (STUDS, TRACKS & OTHER ACCESSORIES) MANUFACTURED BY SSMA (STEEL STUD MANUFACTURERS ASSOCIATION) MEMBER SUPPLIER SHALL ONLY BE USED. ALL COMPONENTS TO MEET THE SPECIFICATIONS OF THE LATEST EDITION OF "AMERICAN IRON AND STEEL INSTITUTE , AISI", "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURE MEMBERS"

LOAD- BEARING WALLS SHALL BE PRE-FABRICATED OFFSITE IN A PRE-PANELIZATION FACILITY WITH A CERTIFIED QUALITY CONTROL PROGRAM. PANELS TO BE MANUFACTURED IN CONTROLLED ENVIRONMENT.

PANELIZER MUST SUBMIT TO THE DESIGN ENGINEER ALL SHOP DRAWINGS OF THE PANELS TO BE MANUFACTURED. THIS REQUIREMENT DO NOT ABSOLVE PANELIZER OF THE RESPONSIBILITY OF PROVIDING PROFESSIONALLY MANUFACTURED PANELS FOR ERECTION. SHOP QUALITY CONTROL SHOULD INCLUDE USE OF STUD SIZE WHICH MATCH WITH DESIGN DRAWINGS. AT A MINIMUM ALL TRACKS SHOULD BE 14 GA. BUT NOT LESS THAN VERTICAL STUD GAUGE, WITH A G80 GALVANIZED COATING MEETING REQUIREMENTS OF ASTM A525. FABRICATOR MAY USE SCREWS OR WELDING TO MANUFACTURE PANELS.

WELD SPECIFICATIONS AND WELDER QUALIFICATIONS SHALL BE GOVERNED BY SECTION ANSI/AWS D1.3-98 "STRUCTURAL WELDING CODE- SHEET METAL" OF AMERICAN WELDING SOCIETY. FIELD WELDING OF STUDS , IF NECESSARY , WILL ONLY BE ALLOWED FOR STUDS EQUAL OR HEAVIER THAN 18 GA. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.  
MANUFACTURER SHALL USE MECHANISM WITH HYDRAULIC RAMS TO MAKE STUD ENDS BEAR FIRMLY AND UNIFORMLY AGAINST THE TRACK WEB BEFORE WELDING OR ATTACHING SCREWS TO CONNECT FLANGES OF THE STUD TO TRACK AND DETRICH CLIPS TO WEB AND FLANGE BEFORE RELEASING RAM.

PANELISER SHOULD PLAN AND IDENTIFY EACH PANEL SUCH THAT EACH LOAD CARRYING VERTICAL STUD OF A PANEL ON A GIVEN FLOOR ALIGN VERTICALLY WITH THE LOAD CARRYING VERTICAL STUD OF THE PANEL OF THE FLOOR ABOVE AND BELOW.

WHEREVER THE OPENING IN THE LOAD BEARING WALL ALIGN WITH THE OPENING IN THE LOAD BEARING WALL ABOVE AND BELOW FLOORS, STEEL DECK SHALL BE CUT AND AN 18 gA, 5.5"x5.5"x2" BOOT WILL BE SCREWED TO THE TOP TRACK OF WALL ON FLOOR BELOW TO FACILITATE FULL TRANSFER OF LOAD OF STUDDACK THROUGH CONCRETE TO CORRESPONDING STUDDACK OF FLOOR BELOW.

CUTTING OF LOAD-BEARING METAL STUDS, OR TRACK IS NOT PERMITTED WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER OF RECORD.

ALL STUDS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A G80 GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A525.

TOP & BOTTOM TRACKS OF ALL PANELS SHOULD BE SAME SIZE AS THE VERTICAL STUDS BUT AT A MINIMUM SHALL BE 600S200-54X50

## GENERAL NOTES

Scale: NTS

COMPOSITE FLOOR DECK AND ROOF DECK:

COMPOSITE STEEL DECK IS USED. REFERENCE IS MADE TO STEEL DECK INSTITUTE'S "ANSI/SDI-C1.0 STANDARD FOR COMPOSITE STEEL FLOOR DECK" AND "CODE OF STANDARD PRACTICE" FOR MATERIAL SPECIFICATIONS AND CONSTRUCTION PRACTICE.

SHEET STEEL FOR DECK AND ACCESSORIES SHALL CONFORM TO ASTM A653 WITH GALVANIZING CONFORMING TO ASTM A924 WITH A MINIMUM COATING CLASS OF G30 AS DEFINED IN ASTM A653 OR TO ASTM A1008.

MATERIAL YIELD STRENGTH, THICKNESS AND SHAPE SPECIFICATIONS ARE SHOWN ON STRUCTURAL DRAWINGS.

NOTE THAT A 2" GAP IN DECK WITH APPROPRIATE SIZE CELL CLOSURE ABOVE ALL LOAD BEARING WALLS AND SUPPORTING BEAMS (AS SHOWN IN DETAILS 8 & 12 OF SHEET S 1.1) IS REQUIRED.

STEEL DECK WILL REQUIRE FOR TEMPORARY SUPPORT ONE LINE OF TEMPORARY SHORING SUPPORT WHILE PLACING DECK CONCRETE.

DETAILS SHOWN ON DRAWINGS S1.2 SPECIFIES THE PUDDLE WELD SIZE AND SPACING TO WELD DECK TO THE WALLS AND WELD SIZE AND SPACING FOR SIDELAPS.

1/2"Ø STUDS AVAILABLE FROM NELSON STUD CO. (www.nelsonstud.com) ,OR EQUIVALENT, WILL BE WELDED @ 2 FT. O.C. TO TOP FLANGE OF BEAMS SUPPORTING LOAD BEARING WALLS AS SHOWN ON DETAILS 8 ON SHEET S 1.1

COMPOSITE FLOOR DECK IS DESIGNED TO ACT AS DIAPHRAGM TO TO TRANSFER HORIZONTAL WIND & SEISMIC LOADS TO ELEVATOR AND STAIRCASE SHAFTS WHICH ARE DESIGNED TO ACT AS SHEAR WALLS. ATTACHMENTS OF FLOOR DECK TO SHAFTS SHOULD CONFORM TO THE REQUIREMENTS LISTED IN THE LATEST EDITION OF STEEL DECK INSTITUTE'S . "DIAPHRAGM DESIGN MANUAL".

CONCRETE MASONRY UNITS - CMU- NOTES:

ALL CMU BLOCKS USED SHALL BE HIGH STRENGTH LOAD-BEARING UNITS AS DEFINED BY ASTM-C90

MORTAR SHALL BE TYPE 'S' 1800 PSI AS DEFINED BY ASTM C270

ALL CELLS WILL BE FILLED WITH 2000 PSI GROUT (GROUT FOR MASONRY) AS DEFINED BY ASTM C476 .

ALL SIZES EXCEPT #3 : ASTM A615, GRADE 60  
#3 : ASTM A615, GRADE 40

MARKED WITH LETTER "S" CONFORMING TO A305  
WELDED JOINT REINFORCEMENT SUBJECT TO ASTM 951 WILL BE USED.

REINFORCEMENT LAP LENGTH SHALL BE 30 DIAMETER OVERLAP BUT NOT LESS THAN 18" 'LOW LIFT' METHOD OF CONSTRUCTION IS PREFERABLE. LAP LENGTH SHALL BE MAINTAINED AT EVERY LIFT.  
BOND BEAM WITH AT LEAST 2-#4 BARS WILL BE PROVIDED AT EVERY FLOOR AND AT TOP OF WALL.

ALL OSHA REGULATIONS WILL BE FOLLOWED DURING CONSTRUCTION.

## DRAWING INDEX

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S1.5 FOUNDATION PLAN - SECOND FLOOR STEEL ABOVE

S2.1 FIRST FLOOR PLAN - SECOND FLOOR STEEL ABOVE

S2.2 SECOND FLOOR PLAN

S2.3 THIRD FLOOR PLAN

S2.4 FOURTH FLOOR PLAN

S2.5 ROOF PLAN

REV: 9/18/11

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Date

Rev/Date

COURTYARD MARRIOTT  
RIVERWIND DRIVE  
PEARL, MISSISSIPPI

SHEET TITLE  
GENERAL NOTES  
AND INDEX

PROJECT:

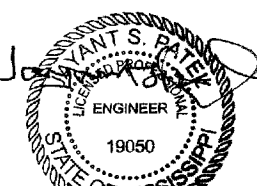
DRAWN: JSP

DATE: 07/26/11

SHEET NO.

S1.0

TOTAL SHEETS: 1 OF 10



09/18/11