THIS BUILDING IS DESIGNED AS AN ENCLOSED BUILDING.
PROJECT WAS DESIGNED IN ACCORDANCE WITH THE:
FLORIDA BUILDING CODE 5TH EDITION (2014).
BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318/ LATEST EDITION).
MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315/ LATEST EDITION). EXTERIOR DOOR ASSEMBLIES SHALL BE TESTED FOR STRUCTURAL INTEGRITY IN ACCORDANCE WITH ASTM E330 AT A LOAD OF 1.5 TIMES THE REQUIRED DESIGN PRESSURE LOAD. THE LOAD SHALL BE SUSTAINED FOR 10 SECONDS WITH NO PERMANENT DEFORMATION OF ANY MAIN FRAME OR PANEL MEMBER IN EXCESS OF 0.4 PERCENT OF ITS SPAN AFTER THE LOAD IS REMOVED. HYPIZ SHALL COMPLY WITH TAS 202. AFTER EACH SPECIFED LOADING, THERE SHALL BE NO GLASS BREAKAGE, PERMANENT DAMAGE TO FASTENERS, HARDWARE PARTS, OR ANY OTHER DAMAGE, WHICH CAUSES THE DOOR TO BE NOPERABLE. WISCELLANEOUS METALS INCLUDING STEEL STAIRS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS. DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE NDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS WHERE UNLESS OTHERWISE SHOWN. MISCELLANEOUS HANGERS, CHANDELIERS, CABINETS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY ANY OF THE CONSTRUCTION OTHER MISCELLANEOUS PRODUCT REQUIRED BY ANY OF THE CONSTRUCTION OF THE JUSTOM (ONE OF A KIND) EXTERIOR DOOR ASSEMBLIES SHALL BE TESTED BY AN APPROVED TESTING LABORATORY OR BE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES. 10LD INSPECTIONS SHALL BE PERFORMED DURING CONSTRUCTION OF NG AS REQUIRED BY SECTION 110.3.7 OF FBC.
ALS AND ASSEMBLY TEST AS FOLLOWS: EEFER TO ARCHITECTURAL, MECHANICAL OR ELECTRICAL DRAWINGS 'OR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERTS, BOLTS SETTINGS, DRAINS, REGLETS, ETC. L STRUCTURES HAVE BEEN DESIGNED TO RESIST THE DESIGN DADS LISTED ONLY AS COMPLETED STRUCTURES. THE GENERAL ONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT WORK PROGRESS UNTIL THE STRUCTURES ARE COMPLETED. THE ENERAL CONTRACTOR SHALL ALSO INSURE THAT ITS OPERATIONS ND PROCEDURES PROVIDE NO LOADING GREATER THAN THE DESIGN DADS LISTED ON ANY MEMBER. SCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE SCHITECT AND ENGINEER BEFORE PROCEEDING WITH ANY WORK. NUAL OF STANDARD PRACTICE FOR WELDING REINFORCING STEEL, SERTS & CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION VS. D1.4/ LATEST EDITION. DING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY UCTURES (ACI 530, 530.1/ASCE 5, 6/TMS 402, 602/LATEST EDI STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION JURED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE FRAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, HANDELECTRICAL DRAWINGS AND COORDINATE THE FAMICAL AND ELECTRICAL DRAWINGS MITH THE STRUCTURAL RMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL WINGS TO PROPERLY CONSTRUCT THE PROJECT. VAL GARAGE DOORS SHALL BE TESTED FOR DETERMINATION OF TURAL PERFORMANCE UNDER UNIFORM STATIC AIR PRESSURE ENCE IN ACCORDANCE WITH ANSI/DASMA 108 OR TAS 202 SHALL COMPLY WITH TAS 202). (HVHZ SHALL COMPLY WITH PROVIDE 1 1/2" WIDE 16 GAGE CORRUGATED MASONY ANCHOR 1/4" DIAMETER TAPCO, WITH 1/2" EMBED, AT 24" O.C. HORIZONTAL AND 16" O.C. VERTICAL. MASONRY UNITS SHALL BE LOAD BEARING ASTM C90.

THE COMPRESSIVE STRENGTH OF MASONRY (F'M) SHALL BE 1,500 PSI AS CALCULATED IN ACCORDANCE WITH ASTM C1314.

ALL MORTAR SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATION C270.

GROUT SHALL BE A HIGH SLUMP MIX HAVING A MINIMUM COMPRESSIVE ST OF 3,000 PSI. ALL MECHANICAL COUPLERS SHALL DEVELOP 1.25 FY OF REBAR IN TENSION OR COMPORESSION AND COMPLY WITH ACI 318. EPOXY GROUT SHALL BE NON-SHRINK HIGH CREEP RESISTANT, AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE PROPERTIES:
TENSILE STRENGTH, ASTM C 30: 1,500 PSI
FLEXURAL STRENGTH, ASTM C 580: 4,000 PSI/7 DAYS. PROVIDE CONTROL JOINTS IN MASONRY WALLS AT A SPACING OF 30' + O.C. AND ALIGN WITH ARCHITECTURAL CONTROL JOINTS. CONNECT MULTI-WYTHE WALLS AS FOLLOWS:
PROVIDE DOUBLE SIDED ROD-ADDUR TYPE HORIZONTAL
ORCEMENT AT 16" O.C. FOR JOINT REINFORCEMENT, WALL TIES, ANCHORS AND INSERTS, APPLY A MINIMUM COAT OF 1.5 OUNCES PER SQUARE FOOT (PSF) (458/G/M2) COMPLY WITH THE REQUIREMENTS OF ASTM A153, CLASS B. ALL CONCRETE MASONRY BEARING AND SHEAR WALLS SHALL BE INSPECTED BY A CERTIFIED INSPECTION COMPANY AND CONSTRUCTED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENT FOR MASONRY STRUCTURES" (ACI 530/ASCE 5/TSM 402) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TSM 602)/ LATEST EDITIONS. PROVIDE 8" X 8" MASONRY BEAM WITH 2 #5 CONT. AT EVERY WINDOW SILEXTEND BEAM 8" BEYOND EDGE OF OPENING. _AP ALL BARS WITH CLASS B TENSION LAP SPLICE UNLESS OTHERWISE NOTED ON DRAWINGS. LAP ALL WWF A MINIMUM OF 12 INCHES (UNLESS OTHERWISE NOTED). PROVIDE HOT DIPPED GALVANIZED LADDER TYPE HORIZONTAL JOINT REINFORCEMENT (9 GA.) AT 16" ON CENTER VERTICAL IN ALL MASONRY WALLS. PROVIDE DOVE TAIL SLOT ANCHORS AT CONCRETE COLUMNS. ELDED WIRE FABRIC SHALL COMPLY WITH ASTM A 185, UNLESS THERWISE SPECIFIED. PLACE FABRIC 2" CLEAR FROM TOP OF THE SLAB IN LAB ON GRADE AND SUPPORT ON SLAB BOLSTERS SPACED AT 3'-0" O.C. TRUCTION JOINTS IN STRUCTURAL SLABS AND BEAMS SHALL BE AT SPAN AND KEY JOINTED WITH REINFORCING CONTINUOUS ACROSS I AND ADDITIONAL SHEAR FRICTION REINFORCING. CONSTRUCTION I LOCATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR CONSTRUCTION. CONSTRUCTION JOINTS IN POST—TENSION SLABS SHALL OCATED AND DESIGNED BY SPECIALTY ENGINEER. WWF SHALL COMPLY WITH ASTM A 185. PROVIDE 10 MIL VAPOR BARRIER COMPLIANT WITH ASTM E1745 BELOW ALL SLAB ON GRADE. ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM DESIGNATION A 615 GRADE 60. MAXIMUM DROP SHALL BE 16" (TWO BLOCK COURSES) AND SPAN EQUAL TO MASONRY OPENING WIDTH. PROVIDE 2 #5 AT BOTTOM OF DROP INCLUDING #3 TIES @ 24" O.C. EXTENDING TO TOP OF BEAM REINFORCING. IF THE LINTEL EXCEDS THE ABOVE LIMIT OF DROP, A SEPARATED LINTEL SHALL BE PROVIDED AS FOLLOWS: FOR BALCONIES, SLABS AND WALKWAYS EXPOSED TO WEATHER ALL REINFORCING STEEL (TOP AND BOTTOM) AS WELL AS SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING AND FASTENING REINFORCING SHALL BE GALVANIZED CONFORMING TO ASTM A767. BOLSTERS AND CHAIRS TO BE PLASTIC. CONCRETE PLACED IN THESE AREAS TO HAVE .40 W/C RATIO MAXIMUM AND CONTAIN 2.5 GALLONS OF CALCIUM NITRATE PER CUBIC YARD. REBAR COVER TO BE 1.5" MINIMUM. ALL HOOKS SHOWN IN REINFORCEMENT SH HOOKS UNLESS OTHERWISE NOTED. AT CORNERS OF CONCRETE WALLS, BEAMS AND CONTINUOUS WALL FOOTINGS, PROVIDE MATCHING HORIZONTAL BARS X 5'-0" BENT BAR FOR EACH HORIZONTAL BAR SCHEDULED AT EACH FACE. WHERE COLUMNS ARE AN INTEGRAL PART OF CONCRETE WALLS, WALL REINFORCEMENT SHALL BE CONTINUOUS THRU THE COLUMNS. INTELS TO HAVE 8" MINIMUM BEARING AT EACH END.

F THE MASONRY OPENING HAS AN END ADJACENT TO A CONCRETE COLUMN PROVIDE (2) #5 OR #6 DOWELS, AS THE CASE MAY BE, IN THE CONCRETE COLUMN WITH SHEAR KEY 1-1/2 INCH DEEP BY LINTEL'S DEPTH AND WIDTH FOR ITS SUBSEQUENT CONSTRUCTION. L1. OPENING LESS THAN 6'0" WIDE 8" X 8" W/2 #5 BOTTOM BARS.
L2. OPENING BETWEEN 6'0" AND 12'0" WIDE 8" X 12" W/2 #6 BOTTOM BARS. A. 1-1/2", 20 GA. TYPE B METAL DECK GALVANIZED AS SHOWN ON ROOF PLAN AS MANUFACTURED BY VULCRAFT/NUCOR OR APPROVED EQUAL.

MANUFACTURER SHALL BE A MEMBER OF THE STELL DECK INSTITUTE.

ROOF DECK MUST COMPLY WITH STEEL DECK INSTITUT STANDARDS. ALL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.

ROOF DECK WITH LIGHTWEIGHT INSULATING CONCRETE SHALL BE VENTED.

ALL ROOF DECK TO BE DESIGNED, MANUFACTURED, AND INSTALLED IN ACCORDANCE WITH LATEST FACTORY MUTUAL STANDARDS.

WELDING WASHERS ARE TO BE USED ON ALL CONNECTIONS OF STEEL DECK WITH METAL THICKNESS LESS THAN 22 GA. TO STRUCTURAL STEEL SUPPORTS. 1-1/2" METAL ROOF DECK SUPPORTS WITH 5/8" DIAN PER SHEET PER JOIST). S WITH #10 SELF DRILLING S (MINIMUM OF 3 PER SPAN DRAWNGS. ROOF DECK W SHALL BE VENTED. G.C. S FASTENING WITH ROOFING STEEL JOISTS SHALL BE I REQUIREMENTS OF THE S FOR: ONLY AFTER ALL DEAD LOADS ARE APPLIED. JOIST MANUFACTURER MUST DESIGN BRIDGING ASSUMING NO BRACING IS GIVEN BY THE ROOF DECK. ALL STEEL STUDS TO BE HOT-DIPPED GALVANIZED (G60) PER ASTM A653. STEEL STUDS SHALL BE DESIGNED, MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE LATEST AISI SPECIFICATIONS AND SHALL COMPLY WITH ASTM A653, A1011 OR A1008 (FY=40 KSI), (FY=33 KSI FOR RUNNERS ONLY). STEEL ROOF AND FLOOR PER ASTM A653. IN ADDITION TO THE LOADS SHOWN IN THE DESIGN LOAD SCHEDULE, THE SPECIALTY ENGINEER SHALL DESIGN FOR THE WEIGHT OF ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT AND FIXTURES, AS WELL AS CHANDEL FIXTURES, BAR CABINETS, AND ART WORK / MOBILES. ALL ROOF DECK SHALL BE VENTED AND FILLED WITH LIGHTWEIGHT INSULATING CONCRETE (OR APPROVED EQUAL) WITH 21/2" MINIMUM THICKNESS. LIGHTWEIGHT INSULATING CONCRETE SHALL BE APPROVED BY FBC AND HAVE MIAMI—DADE COUNTY PRODUCT APPROVAL. 30' SPAN OR LESS - CAMBER = 0
30' SPAN TO 60' SPAN - CAMBER = 1" MAXIMUM
60' SPAN TO 100' SPAN - CAMBER = 1-1/2" MAXIMUM
(TEND AND CONNECT BOTTOM CHORDS OF JOISTS AT ALL COLUMNS)
(HERE NOTED ON DRAWINGS. ALLS SHOWN ON STRUCTURAL DRAWINGS ARE LOAD CARRYING ELEMENTS. POR A DESIGN BASIS USG STRUCTURAL METAL STUDS ARE ASSUMED.

ANUFACTURER AND/OR SUPPLIER MUST SUBMIT DESIGN CALCULATIONS ND SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL SPECIALTY NIGNEER REGISTERED IN THE STATE OF FLORIDA INDICATING CAPACITY OF MEMBERS, FRAMING DETAILS, BRACING, BRIDGING AND ALL OTHER PPURTENANCES OF MEMBERS TO CONFORM TO LOAD CRITERIA.

L LINTELS INDICATED ON DRAWINGS AS METAL STUD LINTELS ARE TO BE ROUDED BY STUD MANUFACTURER/SUPPLIER. NTRACTOR SHALL INCLUDE IN HIS BASE BID THE COST OF 2000 POUNDS OF DINTONAL STRUCTURAL STEEL (MEMBERS OVER 10 LBS. PER FOOT) AND 500 DUNDS OF MISCELLANEOUS STEEL (MEMBERS 10 LBS. PER FOOT OR LESS) CLUDING FURNISHING, DETAILING, FABRICATION, CLEANING, PAINTING, LIVERY AND ERECTION. THIS EXTRA STOCK SHALL BE FURNISHED AND EXTRA STOCK SHALL BE FURNISHED AND SED FOR SPECIAL CONDITIONS AS DIRECTED BY THE ARCHITECT, THE TOHITECT'S AGENT OR BY THE OWNER'S CONSTRUCTION SUPERVISOR. BE PRICE OF THE UNUSED EXTRA STOCK SHALL BE CREDITED TO THE WARR'S ACCOUNT. IGNS CING STEEL AND WELDED WIRE FABRI P PANELS L HAVE A SPECIALTY ENGINEER REGISTERED IN
SIGN AND SEAL ALL STEEL JOIST SHOP DRAWINGS.
SHALL CONTAIN A STATEMENT CERTIFYING THAT
SAFELY RESIST THE WIND UPLIFT FORCES AS NOTED DESIGNED, FABRICATED AND ERECTED TO THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE ALL BE SUE INCLUDING BUT NOT LIMITED TO HOLLOW CORE PLANKS, DEFIT BEAMS, DOUBLE-TEES, FILIGREE, PRECAST PRECAST CONCRETE SYSTEMS

UNIT SUBMITTALS AND OTHER MASONRY ACCESSORIES DE HOLES IN STUDS FOR PASSAGE OF PIPE AND DECK 20 GA OR TH JLCRAFT/NUCOR OR APPROVED EQUAL. FLOOR STEEL DECK INSTITUTE STANDARDS. ALL ONTINUOUS OVER A MINIMUM OF THREE SPANS. A MEMBER OF THE STEEL JOIST INSTITUTE.
ORDANCE WITH SJI STANDARDS UNLESS NOTED
NGS. TIVE NON BITUMI

> COMPONENT DESIGN LOAD SCHEDULE LOADS SHOWN ARE IN POUNDS PER SQ. FT.) **AREA** 35 20 55

ONCRETE COVER FOR REINFORCING STEEL SHALL BE AS REQUIRED BY

PROVIDE 1/4" BENT PLATES AT ALL HIF OTHER AREAS FOR DECK SUPPORT.

PROVIDE ALL SUPPORTING STEEL NOT INDICATED ON PLAN AS REQUIRED TOR THE INSTALLATION OF MECHANICAL EQUIPMENT AND MATERIALS, NICLUDING ANGLES, CHANNELS, BEAMS, HANGERS, ETC. DO NOT SUPPOSIQUIPMENT OR PIPING FROM METAL DECKING.

	FOOTING SCHEDULE	SCHEDULE
MARK	BZIS	REINFORCING
F20.12	2'-0"xCONTx12"	(3) #5 CONT. BOTT
F40	4'-0"x4'-0"x14"	(5) #5 E.W. TOP & BOTT
F50	5'-0"x5'-0"x16"	(6) #5 E.W. TOP & BOTT
F80	8'-0"x8'-0"x24"	(9) #6 E.W. TOP & BOTT
F100	10'-0"x10'-0"x24"	(11) #7 E.W. TOP & BOTT
F110	11'-0"x11'-0"x24"	(12) #7 E.W. TOP & BOTT

TC-1	C-7	C-6	C-5	C-4	C-3	C-2	C-1	MARK	CO
8×12	8x8	ø 16	18×8	24x8	12x8	16x12	18x12	SIZE (inches)	NCRETE
 4 #5	4 #5	5 #5	6 #6	6 #6	4 #6	4 #7	6 #6	VERT. REINF.	CONCRETE COLUMN SCHEDULE
#3	#3	#3	#3	#3	#3	#3	#3	TIES	SCHE
@8"o.c.	@8"o.c.	@16"o.c.	@8"o.c.	@8"o.c.	@8"o.c.	@12"o.c.	@12"o.c.	SPACING	:DULE

					A A I END. MATCHIN	·	2. ADJACEI MATCHIN	MASONRY WALL 1. WALL SEGM LATERAL RI 6" INTO PO			MW-4	MW-3	MW-2	MW-1	MARK	
C-3	C-2	C-1	MARK	COI	MATCHING VERTICAL IN CELL GROUTED	3000 PSI GROUT MIX.	ADJACENT TO ANY EXTERIOR/INTER MATCHING VERTICAL IN CELL GROU	ALL NOTES: GMENTS SH REINFORCI			12"(12"(8" C	8" C	THICKNESS	
12x8	16x12	18×12	SIZE (inches)	CONCRETE	IN CELL C	X (EXTERIOR/ _ IN CELL (FORCED CE	FMFNTS AN			CMU	CMU	CMU	CMU	NESS	
4 #6	4 #7	6 #6	VERT. REINF.	COLUMN	SECTION OF WALLS PLACE (1)		ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH	<u>IONRY WALL NOTES:</u> WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZE LATERAL REINFORCING © 16" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURFD FIFMFNTS AND AROUND FNCASFD STFFI.			#6 @40	#6 @ 32	#6 @48	#6 @24	REINFORCING	
#3	#3	#3	TIES	SCHI	OLL HE	;	LLED W	GA. G			@40"o.c.	@32"o.c.	@48"o.c.	@24"o.c.	ORCIN	
@8"o.c.	@12"o.c.	@12"o.c.	SPACING	SCHEDULE	IGHT.		PLACE (1) JIGHT.	GALVANIZED EINFORCING STFFI			1500 psi	1500 psi	2500 psi	2500 psi	G	

[) - 1))]		
SIZE BxH	RE	REINFORCING	NG		STIRRUPS
(inches)	вотт	TOP	INT	Sall	SPACING
8x12	2#5	2#5	_	#3	© 4"o.c. OYER OPENING
12x12	2#6	2#6	_	#3	@ 4"o.c. OVER OPENING & @ 12"o.c. TYP
16x22	3#6	3#6	2#6	#3	@ 10"o.c.
8x24	2#6	2#6	2#6	#3	@ 10"o.c.
		> 0 1 >) 		0
MS INTENDED TO BE CAST ATOP MASONRY WALLS	TO BE C	AST AT	OP MAS	ONRY W	ALLS

MARK

BEAM

SCHEDULE

OTES:
TIE-BEAMS INTENDED TO BE CAST ATOP MASONRY WALLS
- EXTEND AND HOOK WALL REINFORCING INTO TIE-BEAM.

THE BUILDING SITE SHOULD BE EXCAVATED TO THE DEPTH AND EXTENT INDICATED IN THE SOILS REPORT. ALL SUBGRADES SHALL BE APPROVED IN WRITING BY THE SOILS ENGINEER PRIOR TO BACKFILLING.

BOTTOM OF FOOTINGS TO BEAR ON SOIL
CAPABLE OF SAFELY SUPPORTING 3000 PSF.

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDAN WITH THE LATEST AISC CODE. STRUCTURAL STEEL SHALL CONFORM TO:

A. ASTM SPECIFICATION A 992 GRADE 50 FOR ALL WIDE FLANGE BEAMS.

B. ASTM SPECIFICATION A 36 FOR MISCELLANEOUS STEEL SHAPES (ANGLES, PLATES, ETC.).

SQUARE OR RECTANGULAR HSS SHALL CONFORM TO ASTM SPECIFICATION 500 GRADE B (FY=46 KSI).

ALL SITE PREPARATION AND EXCAVATION WORK IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE REPORT ON SOILS AND FOUNDATION INVESTIGATION PREPARED BY DUNKLEBERGER, DATED MARCH 16, 2007.

A PRECAST CONCRETE LINTEL BY CASTCRETE SHALL BE PROVIDED OVER MASONRY WALL OPENINGS. THE LINTEL SHALL BE FULLY GROUTED.

PRE-ENGINEERED LIGHT-GAGE METAL TRUSSES
-ENGINEERED ITEMS SHALL BE SUBMITTED SIGNED SIGNED IN THE STATE OF FLORIDA.

RE-ENGINEERED STEEL STAIRS

TRUCTURAL LIGHT-GAGE METAL STUD FRAMING RE-ENGINEERED STEEL JOISTS AND JOIST GIRDERS

AP SPLICES THAT OCCUR AT CANTILEVERED WALLS SUCH AS: PARAPETS, RETAIING WALLS, ETC. SHALL HAVE LAP SPLICE LENGTHS INCREASED BY 50% TO 72 BAR DIAMETERS.

LAP SPLICES SHALL OCCUR DIRECTLY ABOVE FOOTINGS AND SLABS

30<u>*</u>

IN ADDITION TO THE LOADS SHOWN IN THE DESIGN LOAD SCHEDULE, THE SPECIALTY ENGINEER SHALL DESIGN FOR THE WEIGHT OF ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT AND FIXTURES, AS WELL AS CHANDELIER FIXTURES, BAR CABINETS, AND ART WORK / MOBILES.

ONTRACTOR TO INCULDE IN THEIR BID THE COST OF THE ABOVE NOTED SPECIALTY

B. PROVIDE ANY BRACING OR SHORING NECESSARY TO AVOID SETTLEMENT OR DISPLACEMENT OF EXISTING FOUNDATION OR STRUCTURES.

CENTERLINE OF FOOTINGS: SHALL COINCIDE WITH CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED ON DRAWINGS.

LL ALUMINUM AND STEEL MEMBERS TO BE TREATED OR PROPERLY SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.

LL STEEL WELDING RODS SHALL BE E70XX ELECTRODES.

ALL CONNECTIONS TO HOLLOW STRUCTURAL SECTION (HSS) COLUMNS ARE TO BE THRU-PLATE UNLESS NOTED OTHERWISE.

FULL DEPTH DOUBLE CLIP ANGLE CONNECTIONS ARE TO BE USED ON ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS. BOLTS TO BE AT $3-\mathsf{INCH}$ O/C VERTICAL.

ALL EXCAVATION SHALL BE KEPT DRY. EXCAVATE TO DEPTHS AND DIMENSIONS INDICATED. TAKE EVERY PRECAUTION TO GUARD ACAINST ANY MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES, UTILITIES, PIPING, ETC.

ROUND HSS SHALL CONFORM TO ASTM SPECIFICATION A500, GRADE B (FY=42 KS)). ROUND HSS WITH A WALL THICKNESS GREATER THAN 5/8", SHALL CONFORM TO ASTM A53, GRADE B (FY=35 KS)). ALL STEEL TO HAVE A SHOP COAT OF RUST INHIBITIVE PAINT. DELETE PAINT ON ALL STEEL TO RECEIVE SPRAYED ON FIREPROOFING OR CONCRETE ENCASEMENT.

STEEL BEAMS INSTALLED IN PARALLEL WITH STEEL BAR JOISTS MUST HAVE CAMBER EQUAL TO BAR JOISTS.

TOP OF ALL EXTERIOR FOOTINGS EXTERIOR FINISH GRADE.

rounds Dated 9—26—16

Structural Drawing Updated Based on Architectural Backg



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10-21-16
SCALE
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PHASE: C.D. SET 10-21-16

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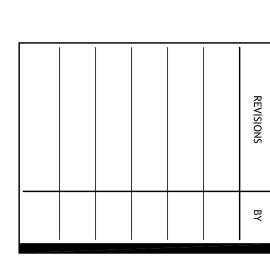
ACTIVITY CENTER FOR

FLORENCE FULLER CHILD DEVELOPMENT CENTERS **WEST CAMPUS** S.W. 185TH STREET

BOCA RATON, PALM BEACH COUNTY, FLORIDA

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MASONRY WALL

SCHEDULE