



- LOW ROOF FRAMING NOTES:**
1. ROOF ASSEMBLY TO BE 200PSI LIGHTWEIGHT INSULATED CONCRETE, 2" MINIMUM THICKNESS, OVER 1.5", 20 GA. GALVANIZED G90 METAL ROOF DECK CONTINUOUS OVER 3 OR MORE SPANS. ATTACH DECK TO TRUSSES W/ 5/8"Ø PUDDLE WELDS AT SDI 36/7 WELD PATTERN. USE (10) #12 TEK SIDELAP FASTENERS
 2. ROOF DECK TO BE NOMINALLY VENTED (1/2 OF 1%)
 3. NOT USED
 4. SEE SHEET S1.0 FOR BRIDGING REQUIREMENTS FOR JOIST & JOIST GIRDERS.
 5. PROVIDE C.S. JOISTS AND FRAMING (SEE DETAIL A/S4.3) AT ALL ROOF TOP A/C UNITS. REFER TO MECHANICAL HVAC PLAN FOR LOCATION AND WEIGHTS OF EACH UNIT. DESIGN GIRDERS FOR ADDITIONAL WEIGHT OF ROOF TOP UNITS.
 6. JOIST BEARING ELEVATION=+13'-4"
 7. PROVIDE CAST-CRETE 8UB LINTELS AT ALL OPENINGS U.N.O. ON PLAN
 8. REFER TO SECTION 8/S4.2 FOR DTB REINF. INFORMATION
 9. SEE SECTION A/S1.0 FOR UPLIFT BRIDGING DETAILS. SEE SHEET S1.1 FOR UPLIFT PLAN.
 10. CONTINUE ALL BOND BEAMS AND CONCRETE BEAMS THROUGH A MASONRY JOINT.

- MANSARD AND BUILDINGS METAL TRUSSES PLAN NOTES:**
1. BRG. EL. 14'-0" AND 16'-0"
 2. ROOF SHEATHING TO BE 19/32" APA RATED 40/20 EXPOSURE 1 PLYWOOD ATTACH TO METAL TRUSSES WITH #10-16 x 1 13/16" PFH TEK SCREWS AT 6" O.C. FIELD AND 4" O.C. AT PANEL EDGES.
 3. WHERE NEEDED ATTACH ROOF SHEATHING FROM CANOPY TO BUILDING WITH 2X4 PT AND 1/4"Ø TAPCONS AT 24" O.C.
 4. VERTICAL PLYWOOD WALL SHEATHING TO BE 19/32" APA RATED FRT. EXT. GRADE PLYWOOD. ATTACH TO METAL STUDS WITH #10-16x1 13/16" PSD FLAT TEK SCREWS AT 8" O.C. THROUGHOUT.

- NOTES:**
1. W6x9 BEAM ON JOISTS FOR MANSARD TRUSS HEEL BEARING AND TOWER STUD WORK.
 2. CONNECT W6x9 BEAMS AT ENDS AND INTERSECTIONS USING STD. ASCI WELDING OR SHEAR TABS.

NOTE: GC TO COORDINATE SLEEVE LOCATIONS ON 2ND FLOOR.

- 2nd FLOOR FRAMING NOTES:**
- F1. FLOOR SLAB SHALL BE 3" CONC. SLAB ON 3" 18ga. GALV. COMPOSITE FLOOR DECK. (6" TOTAL THICKNESS)
F'c = 3500 PSI NORMAL WEIGHT CONCRETE
 - F2. T/FIN FLR = EL.+15'-2"
T/ BEAM = EL.+14'-8"
 - F3. T/W16x26=13'-6 3/4"(B/W16x26=B/W27x258)
 - F4. REINFORCE DECK W/6x6 W21xW21 WELDED WIRE FABRIC CHAIRED @ 1 1/2" BELOW TOP OF SLAB
 - F5. FLOOR IS DESIGNED AS AN UNSHORED COMPOSITE BEAM SYSTEM. ATTACH MTL-DECK TO TOP FLANGE OF BEAMS USING 5/8"Ø PUDDLE WELDS OR HEADED STUDS IN ACCORDANCE W/ SDI PATTERN 36/4 W/4 #12 SIDELAP SCREWS.
 - F6. ALL STEEL BEAMS TO BE A572 Fy = 50 KSI.
 - F7. #4x15'-0" @ 12" O.C. CHAIRED AT SLAB MID DEPTH TYP. AT GIRDER BEAM LOCATIONS.
 - F8. PROVIDE (2)#5x4'-0" DIAG. BARS PLACED AT SLAB MID HEIGHT AT ALL RE-ENTRANT CORNERS.
 - F9. ALL BEAM REACTIONS SHOWN ARE FROM SERVICE LOADS (i.e. UNFACTORED)

SCALE: 1/8"=1'-0"

2ND FL. / LOW RF. FRAMING PLAN

207 SIXTH STREET
WEST PALM BEACH, FLORIDA 33401
ph : 561.684.6844 gliddenspina.com
FL Lic. # AA26002399

GLIDDENSPINA
+ PARTNERS
Architecture • Interior Design
Keith M. Spina # ARI549



New Building For:
OPPORTUNITY INC.
EARLY LEARNING CENTER
4171 Westgate Avenue
Palm Beach County, Florida

COPYRIGHT 2016
THESE DRAWINGS ARE FOR THE EXCLUSIVE USE OF GLIDDENSPINA + PARTNERS, INC. AND MAY NOT BE DUPLICATED, REPRODUCED OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF GLIDDENSPINA + PARTNERS, INC. ALL RIGHTS RESERVED.

sheet title: 2ND FL. / LOW RF. FRAMING PLAN
file name:
project no: 16024
date: 09/09/16
drawn by: S.G.
checked by: P.S.

JOHNSON STRUCTURAL GROUP
E.B. #0008893
MARK JOHNSON, P.E. #9583, SCS
1300 N.W. 86th Street, Suite #818
Boca Raton, FL 33431
(754) 992-8999 (T) (561) 982-8999
EMAIL: mark@johnsonstructural.com
WWW.JOHNSONSTRUCTURAL.COM

S2.1

09.09.16 BID/PERMIT