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SLAB ON GRADE PLAN

- SLAB ON GRADE PLAN NOTES:**
- SLAB ON GRADE TO BE 4" THICK CONCRETE OVER VAPOR BARRIER ON COMPACTED SUB-BASE AS PER GEOTECHNICAL REPORT REINFORCED WITH 6x6xW2 1xW2 1 W W F (FLAT SHEETS) CENTERED IN SLAB. SUPPORT WELDED WIRE FABRIC WITH 2" SLAB BOSTER OR APPROVED EQUAL @ 3'-0" O.C. BOTH WAYS. USE OF CONCRETE BRICK IS NOT ALLOWED.
 - VAPOR BARRIER REQUIREMENTS/APPLICATION/INSTALLATION SHALL BE DONE AS PER ARCHITECTURAL OR MECHANICAL CONSULTANT DOCUMENTS AND RECOMMENDATIONS. IF NONE ARE AVAILABLE, AT A MINIMUM THE FOLLOWING RECOMMENDATIONS SHALL BE FOLLOWED:
 - VAPOR BARRIER SHALL CONFORM TO ASTM E-1745, MEETS OR EXCEEDS CLASS 3"
 - VAPOR BARRIER INSTALLATION SHALL FOLLOW MANUFACTURER'S INSTRUCTIONS AND ASTM E 1643-98
 - UNROLL VAPOR BARRIER WITH THE LONGEST DIMENSION PARALLEL WITH THE DIRECTION OF THE POUR
 - LAP VAPOR BARRIER OVER FOOTINGS AND SEAL TO FOUNDATION WALLS
 - OVERLAP JOINTS 6 INCHES AND SEAL WITH MANUFACTURER'S TAPE
 - SEAL ALL PENETRATIONS (INCLUDING PIPES) WITH MANUFACTURER'S TAPE
 - NO PENETRATION OF THE VAPOR BARRIER IS ALLOWED EXCEPT FOR REINFORCING STEEL AND PERMANENT UTILITIES
 - REPAIR DAMAGED AREAS BY CUTTING PATCHES OF VAPOR BARRIER OVERLAPPING DAMAGED AREA 6 INCHES AND TAPING BOTH SIDES WITH TAPE
 - TOP OF SLAB ELEVATION SHOWN THUS ∇ ON PLAN. EQUALS REFERENCE EL., FOR ACTUAL EL., SEE CIVIL DRAWINGS.
 - FOR GENERAL STRUCTURAL NOTES REGARDING SCHEDULES, SEE SCHEDULES.
 - FOR WALL DEPRESSION LOCATION AND LIMITS, SEE SCHEDULES AND PLAN. SEE ARCHITECTURAL DRAWINGS.
 - FOR PLUMBING DIMENSIONS NOT SHOWN, REFER TO ARCHITECTURAL DRAWINGS.
 - COLUMN DEPRESSION SHOWN THUS ∇ ON PLAN. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND REINFORCING. SEE SCHEDULES.
 - ALL CMU WALLS SHALL BE REINFORCED AS SHOWN ON PLAN WITH DOWELS TO MATCH UNID. ALL CELLS AT REINFORCING LOCATION SHALL BE FILLED WITH GROUT. PROVIDE INSPECTION/LEANOUT HOLE AT BASE WHEN POUR HEIGHT IS GREATER THAN 4'-0". GENERAL CONTRACTOR TO COORDINATE LOCATION OF ALL WALL PENETRATIONS REQUIRED FOR MECHANICAL EQUIPMENT AND PROVIDE A PRECAST LINTEL AT ALL OPENINGS REFER TO TYPICAL DETAIL 4-004 ON S3.2.
 - PRE-ENGINEERED/PREFABRICATED METAL PAN STAIRS, PROVIDE CALCULATIONS AND SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. ALL STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED.
 - MASONRY CONTROL JOINT SHOWN THUS ∇ ON PLAN. MAXIMUM SPACING OF JOINTS = 24'-0". COORDINATE LOCATION WITH THE ARCH. & STRUCT. WALL ELEVATIONS. DO NOT LOCATE A MCJ CLOSER THAN 24" TO ANY CMU OPENING.

WALL SCHEDULE	
TYPE	DESCRIPTION
C8-5-24S	8" CONCRETE WALL REINF. W/ #5 AT 12" O.C. EACH WAY
W8-5-24S	8" CMU WALL REINF. W/ #5 AT 24" O.C.

THICKENED SLAB SCHEDULE					
MARK*	SIZE	DEPTH	TOP & BOTT. REINF. CONT.	TOP & BOTT. REINF. TRANSV.	REMARKS
TS-1	0' - 8" x CONT.	0' - 8"	(2)#5	N/A	
TS-2	0' - 8" x CONT.	0' - 8"	(2)#5	#4 @ 24" O.C.	

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ARCHITECTURE

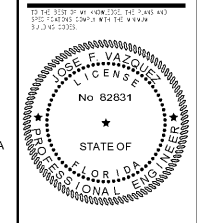
2714 Dr. MLK Jr. Street N. St. Petersburg, FL 33704 | 727-696-4611 | www.harvardjolly.com | AA C000119

MASTER CONSULTING INC.
410 RAVENSWOOD RD. STE 307
FT. LAUDERDALE, FL 33312
TEL: 754-979-1919 FAX: 754-979-2622
HARVARD • JOLLY ARCHITECTURE
REGISTERED ARCHITECTS AND ENGINEERS
REPRODUCTION OF THESE PLANS WITHOUT THE WRITTEN PERMISSION OF HARVARD • JOLLY ARCHITECTURE IS PROHIBITED.
CA: 8426 PROJ. NO. 1413130

THE BENJAMIN SCHOOL - LOWER/MIDDLE SCHOOL
11000 Ellison Wilson Road, North Palm Beach, FL 33408
CONSTRUCTION DOCUMENTS

Comm. No: Project Number
Date: Issue Date
Drawn: FR

Revisions		
No.	Date	Note



SLAB ON GRADE PLAN

S2.2

TO THE BEST OF OUR KNOWLEDGE INFORMATION AND BELIEF, THESE STRUCTURAL PLANS CONFORM TO AND SATISFY, THE FLORIDA BUILDING CODE, 2014 EDITION, ACI 318-11 AND LOCAL CODES AS APPLICABLE

Order Plans