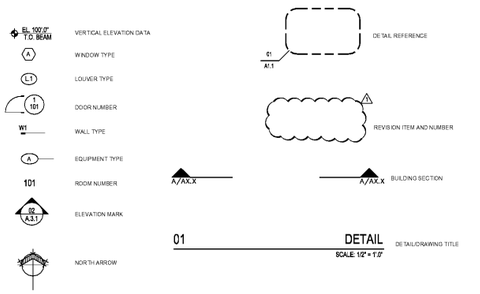
ARCHITECTURAL DRAWING SYMBOLS LEGEND

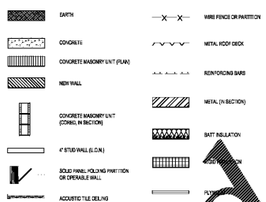


ARCHITECTURAL AND STRUCTURAL ABBREVIATIONS

ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW. REFER TO CSI DOCUMENT 13-2.4 DATED NOVEMBER 1998 FOR ANY ABBREVIATIONS USED ON THE DRAWINGS BUT ARE NOT LISTED BELOW.

@	AT	E	EAST	W	WEST/WITH/SAND	BSCT	BACK OF
AC	AIR CONDITIONING	EA	EACH	MAS	MASONRY	BSF	BY/WITH
ACT	ACOUSTICAL CEILING TILE	EF	EACH FACE	MAT	MATERIAL	SQFT	STRUCTURAL GLAZED FACING TILE
AD	AREA DRAIN	EJ	EXPANSION JOINT	MAX	MAXIMUM	SHE	SHEET
ADJ	ADJUSTABLE	EL	ELEVATION	MCP	MASTER CONTROL POINT	SP	SPACE
AFF	ABOVE FINISHED FLOOR	ELEC	ELECTRICAL(LY)	MB	MANNA BOARD	SPEC(S)	SPECIFICATION(S)
APP	ADJACENT/POLURING PARTITION	ELEV	ELEVATION	MECH	MECHANICAL	SQ INSE	SQUARE FEET
AGG	AGGREGATE	ENCR	ENGRAVER	MEZZ	MEZZANINE	SQ YDS?	SQUARE YARDS
ALT	ALTERNATIVE	EP	ELECTRICAL PANELBOARD	MFR	MANUFACTURER	SST	STAINLESS STEEL
ALUM	ALUMINUM	EQ	EQUAL	MH	MANHOLE	ST	STOMETRIC
AP	ACCESS PANEL	EQUIP	EQUIPMENT	MIN	MINIMUM	STD	STANDARD
APPROX	APPROXIMATE	EW	EACH WAY	MISC	MISCELLANEOUS	STL	STEEL
AR	ACID RESISTANT	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	MM	MILLIMETER	STRUCT	STRUCTURAL
ARCH	ARCHITECT(URAL)	EIFS	EXTERIOR FINISH SYSTEMS	MC	MASONRY OPENING	SUSP	SUSPENDED
ASPH	ASPHALT	EXIST	EXISTING	MTL	METAL	SW	SHORT WAY/SIDEWALK
AV	AUDIO-VISUAL	EXP	EXPANSION	N	NORTH	SYMM	SYMMETRICAL)
AWG	AMERICAN WIRE GAUGE	EXT	EXTERIOR	NIC	NOT IN CONTRACT	SYN/TH	SYNTHETIC
AMT	ACOUSTICAL WALL TREATMENT	EXTN	EXTENSION	NOM	NUMBER		
L	ANGLE			NOM	NOMINAL	T	THREAD
&	AND	FD	FLOOR DRAIN	NTS	NOT TO SCALE	T&G	TOP AND BOTTOM
		FHC	FIRE HOSE CABINET	OC	ON CENTER	T&G	TONGUE AND GROOVE
BAT	BITUMINOUS	FIN	FINISH	OD	OUTSIDE DIAMETER	TAS	TOILET ACCESSORY(IES)
BLDG	BUILDING	FIN BRD/DOOR		OPNG	OPENING	TB	TACKBOARD
BLKG	BLOCKING	FLR	FLOOR	OPP	OPPOSITE	TC	TOP OF CURB
BM	BENCH MARK/BEAM	FDN	FOUNDATION	OPP HD	OPPOSITE HAND	TEL	TELEPHONE
BOS	BOTTOM OF STEEL	FSH	FURRED SHEET ROOFING	O TO O	OUT TO OUT	TERR	TERRAZZO
BOT	BOTTOM	FBSK	FLOOR SERVICE SINK	OS	OPERABLE WALL	TOC	TOP OF CONCRETE
BRG	BEARING	FT	FEET	OZ	OUNCE	TOF	TOP OF FOOTING
BRK	BRICK	FTG	FOOTING			TOM	TOP OF MASONRY
BUR	BUILT-UP ROOF	FE	FIRE EXTINGUISHER	PA	PUBLIC ADDRESS	TOS	TOP OF STEEL
		FEC	FIRE EXTINGUISHER CABINET	PERF	PERFORATED	TV	TELEVISION
CAB	CABINET	GA	GAUGE	PL	PLATE/PROPERTY LINE	TYP	TYPICAL
CAR	CARPET	GALV	GALVANIZED	PLAS	PLASTER		
CAT	CAT-6 CLG	GB	GRAB BAR	PLAST LAM	PLASTIC LAMINATE	THRS	TACKABLE WALL SURFACE
CB	CMU BEAM/CAST IRON	GL	GLASS	PLMG	PLUMBING		
CFM	CUBIC FEET PER MINUTE	GWB	GYPSUM WALLBOARD	PLYWD	PLYWOOD		
CH	CABINET HEATER	GWB-S	GYPSUM WALLBOARD SOUNDBOARD	PREFAB	PREFABRICATED	UON	UNLESS OTHERWISE NOTED
CI	CAST IRON	H	HEIGHT/HIGH	PS	PROJECTION SCREEN	UV	UNIT VENTILATOR
CJ	CONTROL JOINT	HB	HOSE BIBB	PSF	POUNDS PER SQUARE FOOT	UR	URINAL
CL	CENTERLINE	HDWE	HARDWARE	PSI	POUNDS PER SQUARE INCH		
CLR	CLEAR	HM	HOLLOW METAL	PSS	PENCIL SHARPENER SUPPORT	VCT	VINYL COMPOSITION TILE
CLG	CEILING	HORIZ	HORIZONTAL	PVC	POLYVINYL CHLORIDE	VCWB	VINYL COVERED GYPSUM WALLBOARD
CMP	CORRUGATED METAL PIPE	HPT	HIGH POINT	PVMT	PAVEMENT	VERT	VERTICAL
CMT	CERAMIC MOSAIC TILE	HP	HIGH STRENGTH			VIF	VERIFY IN FIELD
CMU	CONCRETE MASONRY UNIT	HS	HOT WATER			VIF	VERIFY IN FIELD
CO	CLEANOUT	HTG	HEATING	QT	QUARRY TILE	VIT	VITREOUS
COL	COLUMN	HVAC	HEATING/VENTILATING/AIR CONDITIONING			VOL	VOLUME
COMP	COMPACTED	HW	HOT WATER	R	RISER	VR	VAPOR RETARDER
CONC	CONCRETE	HWY	HIGHWAY	RA	RETURN AIR	VRB	VENTED RESILIENT BASE
CONSTR	CONSTRUCTION			RADIR	RADIUS	VB	VENT. BLACK
CONT	CONTINUOUS/CONTINUE	I	INSIDE DIAMETER	RB	RESILIENT BASE	VT	VINYL TILE
CONTR	CONTRACTOR	INCH	INCH	RCP	REINFORCED CONCRETE PIPE		
CORR	CORRUGATED	INCL	INCLUDE(S) (ING)	RD	ROOF DRAIN	W	WEST/WIDE/WITH
CT	CERAMIC TILE	INFO	INFORMATION	REF	REFERENCE	W/	WITH
C TO C	CENTER TO CENTER	INSUL	INSULATION/INSULATE	REFR	REFRIGERATOR	W/O	WITHOUT
CSK	COUNTER SINK	INTER	INTERIOR	REINF	REINFORCING	WA	WAYSPORE ACCESSORIES
CU FT/CF	CUBIC FEET	INV	INVERT	REQ'D	REQUIRED	WB	WOOD BASE
CU IN/CI	CUBIC INCH			REV	REVERSED	WC	WATER CLOSET/WING COLUMN
CU YD/CY	CUBIC YARD	JS	JOINT SUBSTITUTE	RM	ROOM	WD	WOOD
CUSP	CUSPIDOR	JST	JOIST	RO	ROUGH OPENING	WH	WATER HEATER
CW	COLD WATER	JT	JOINT	ROW	RIGHT OF WAY	WP	WORKING POINT
CWP	CEMENTITIOUS WOOD FIBER	KIT	KITCHEN	S	SOUTH	WSK	WALL SURFACE SINK
				SA	SUPPLY AIR	WWF	WELDED WIRE FABRIC
#	PENNY (NAIL SIZE)	L	LENGTH	SAN	SANITARY		
Ø	DIAT/ HOKEP	LAM	LAMINATE(D)	SC	SOLID CORE		
∠	DEGREE	LAV	LAVATORY	SCHED	SCHEDULE	YD	YARD/YARD DRAIN
DC	DISPLAY CASE	LBR	POUND	SD	STORM DRAIN/SMOKE DETECTOR		
DEPT	DEPARTMENT	LK	LOCKER				
DET	DETAIL	LL	LIVE LOAD				
DF	DRINKING FOUNTAIN	LLH	LONG LEG HORIZONTAL				
DIA/Ø	DIAMETER	LLV	LONG LEG VERTICAL				
DIM	DIMENSION	LVR	LOUVER				
DIV	DIVISION	LW	LONG WAY				
DL	DEAD LOAD						
DRG	DRAWING						
DS	DOWNSPOUT						
DWC	DRINKING WATER COOLER						

ARCHITECTURAL MATERIAL SYMBOL LEGEND



CODE CRITERIA

A. CODES & STANDARDS: FLORIDA PROJECTS SHALL COMPLY WITH APPLICABLE LAWS, CODES,STANDARDS & REGULATIONS OF GOVERNING BODIES HAVING JURISDICTION OVER SUCH PROJECTS. THIS INCLUDES THE SITE AND ANY WORK TO THE SITE. THE WORK SHALL COMPLY w/ CURRENT EDITIONS AND ANY APPROVED REVISIONS OF THE FOLLOWING CODES & STANDARDS AND SPECIFIED IN THE PLANS & SPECIFICATIONS.

1. THE CURRENT FBC IS THE FOLLOWING: THE FIFTH EDITION (2014) OF THE FLORIDA BUILDING CODE AND INCLUDES: THE INTERNATIONAL BUILDING CODE®, 2012 EDITION; THE INTERNATIONAL PLUMBING CODE®, 2012 EDITION; THE INTERNATIONAL MECHANICAL CODE®, 2012 EDITION; THE INTERNATIONAL FUEL GAS CODE®, 2012 EDITION; THE INTERNATIONAL RESIDENTIAL CODE®, 2012 EDITION; THE INTERNATIONAL EXISTING BUILDING CODE®, 2012 EDITION; THE INTERNATIONAL ENERGY CONSERVATION CODE®, 2012 EDITION; THE NATIONAL ELECTRICAL CODE, 2011 EDITION; SUBSTANTIVE CRITERIA FROM THE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS' (ASHRAE) STANDARD 90.1-2010. STATE AND LOCAL CODES ADOPTED AND INCORPORATED INTO THE CODE INCLUDE THE FLORIDA BUILDING CODE, ACCESSIBILITY, AND SPECIAL HURRICANE PROTECTION STANDARDS FOR THE HIGH-VELOCITY HURRICANE ZONE.
   2011 NFPA-70
   2009 NFPA-241
   2010 NFPA 10
   2012 NFPA-101
   2010 NFPA-72
   2010 NFPA-13
   2012 NFPA-1
   5TH EDITION OF FLORIDA FIRE PREVENTION CODE INCLUDING THE 2012 EDITION OF NFPA 1 AND NFPA 101
   a. ALL LAWS, CODES, STANDARDS & REGULATIONS CITED OR INCORPORATED BY REFERENCE THROUGHOUT THE FLORIDA BUILDING CODE.

2. THE FLORIDA FIRE PREVENTION CODE, (CHAPTER 4A-60, FLORIDA ADMINISTRATION CODE).
   a. ALL LAWS, CODES, STANDARDS AND REGULATIONS CITED OR INCORPORATED BY REFERENCE IN THE FLORIDA FIRE PREVENTION CODE.

3. IF THERE SHOULD BE CONFLICTING REQUIREMENTS BETWEEN ABOVE REFERENCED CODES THAN THE FOLLOWING RULES SHALL APPLY:
   a. THE CODE THAT AFFORDS THE GREATEST DEGREE OF LIFE SAFETY SHALL TAKE PRECEDENT.
   b. BUILDING OFFICIAL SHALL PROVIDE FINAL CODE INTERPRETATIONS AND RESOLUTIONS OF CONFLICTS.

4. A PERMIT ISSUED BY THE BUILDING DEPARTMENT SHALL BE CONSTRUED AS PERMISSION TO PROCEED WITH CONSTRUCTION, AND NOT AS AN AUTHORITY TO VIOLATE, CANCEL, ALTER, OR SET ASIDE ANY OF THE PREVISIONS OF ANY CODES, NOR SHALL ISSUANCE OF A PERMIT PREVENT THE BUILDING OFFICIAL FROM THEREAFTER REQUIRING A CORRECTION OF ERRORS IN PLANS, CONSTRUCTION, OR VIOLATION OF ANY CODE.

B. CONTRACTOR SHALL REFER TO THE ARCHITECT/ENGINEER ANY PART OF THE CONTRACT DOCUMENTS WHICH MAY BE IN CONFLICT WITH THE ABOVE CODES AND REGULATIONS. THE CONTRACTOR SHALL PREPARE PROPOSED CHANGES FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. BASE BIDS SHALL INCLUDE THE MORE STRINGENT OF THE CONFLICTING METHODS.

SHEET NO.	TITLE	ORIGINAL DATE	LATEST REVISION DATE
COV.1	COVER SHEET	10-23-17	
T1	INDEX SHEET	10-23-17	
	SURVEY		
1 OF 2	BOUNDARY SURVEY	04-08-17	
2 OF 2	BOUNDARY SURVEY	04-08-17	
	CIVIL (Filed Under a Separate Permit)		
C01	COVER SHEET	10-26-17	
C02	CONSTRUCTION LIMITS & NOTES	10-26-17	
C03	GRADING, PAVING AND DRAINAGE PLAN	10-26-17	
C04	WATER AND WASTEWATER PLAN	10-26-17	
C05	GRADING, PAVING AND DRAINAGE DETAILS	10-26-17	
C06	GRADING, PAVING AND DRAINAGE DETAILS	10-26-17	
C07	WATER AND WASTEWATER DETAILS	10-26-17	
	LANDSCAPE (Filed Under a Separate Permit)		
	ARCHITECTURAL		
AS1.0	OVERALL AERIAL SITE PLAN	10-23-17	
AS1.1	OVERAL SITE PLAN	10-23-17	
AS1.2	ENLARGED SITE PLAN	10-23-17	
AS1.3	LIGHT SITE PLAN	10-23-17	
AS2.1	DETAILS	10-23-17	
LS1.01	OVERALL LIFE SAFETY SITE PLAN -FIRST FLOOR & CODE INFORMATION	10-23-17	
LS1.02	OVERALL LIFE SAFETY SITE PLAN -SECOND FLOOR & CODE INFORMATION	10-23-17	
LS1.1	1ST FLOOR LIFE SAFETY PLAN & CODE INFORMATION	10-23-17	
LS1.2	2ND FLOOR LIFE SAFETY PLAN & CODE INFORMATION	10-23-17	
AD1.1	DEMOLITION SITE PLAN	10-23-17	
A1.01	OVERALL 1ST FLOOR PLAN	10-23-17	
A1.02	OVERALL 2ND FLOOR PLAN	10-23-17	
A1.1	1ST FLOOR PLAN	10-23-17	
A1.2	2ND FLOOR PLAN	10-23-17	
A1.3	1ST FLOOR CEILING PLAN	10-23-17	
A1.4	2ND FLOOR CEILING PLAN	10-23-17	
A1.5	ROOF PLAN	10-23-17	
A1.6	ROOF DETAILS	10-23-17	
A1.7	WALL TYPES	10-23-17	
A1.8	GENERAL NOTES & DETAILS	10-23-17	
A2.1	EXTERIOR ELEVATIONS	10-23-17	
A3.1	BUILDING SECTIONS	10-23-17	
A3.2	WALL SECTIONS	10-23-17	
A3.3	WALL SECTIONS	10-23-17	
A3.4	WALL SECTIONS	10-23-17	
A3.5	WALL SECTIONS	10-23-17	
A3.6	BLDG. SECTIONS	10-23-17	
A3.7	WALL SECTIONS	10-23-17	
A4.1	MOUNTING HEIGHTS & ACCESSIBILITY CLEARANCES	10-23-17	
A4.2	ENLARGED RR. PLANS , ELEVATIONS & CASE WORK DETAILS	10-23-17	
A4.3	1ST FLOOR EQUIPMENT PLAN	10-23-17	
A4.4	2ND FLOOR EQUIPMENT PLAN	10-23-17	
A4.5	SIGNAGE DETAILS	10-23-17	
A4.6	SIGNAGE DETAILS	10-23-17	
A4.7	1ST FLOOR FINISH PLAN	10-23-17	
A4.8	2ND FLOOR FINISH PLAN	10-23-17	
A5.1	STAIR PLANS	10-23-17	
A5.2	STAIR SECTION & DETAILS	10-23-17	
A5.3	STAIR SECTION	10-23-17	
A5.4	ELEVATOR SECTION & DETAILS	10-23-17	
A6.1	WINDOW/DOOR ELEVATIONS & DETAILS		
A6.2	DOOR DETAILS	10-23-17	
		10-23-17	

SHEET NO.	TITLE	ORIGINAL DATE	LATEST REVISION DATE
	STRUCTURAL		
S1.1	GENERAL STRUCTURAL NOTES	10-23-17	
S1.2	INSPECTION PLAN	10-23-17	
S1.3	WIND DESIGN & LOAD SCHEDULE	10-23-17	
S2.1	FOUNDATION PLAN	10-23-17	
S2.2	SLAB ON GRADE	10-23-17	
S2.3	2ND FLOOR FRAMING PLAN & ENLARGED STAIR PLAN	10-23-17	
S2.4	ROOF FRAMING PLAN	10-23-17	
S3.1	STRUCTURAL DETAILS	10-23-17	
S3.2	STRUCTURAL DETAILS	10-23-17	
S3.3	STRUCTURAL DETAILS	10-23-17	
S4.1	STRUCTURAL WALL SECTIONS	10-23-17	
S4.2	STRUCTURAL WALL SECTIONS	10-23-17	
S4.3	STRUCTURAL WALL SECTIONS	10-23-17	
S4.4	STRUCTURAL WALL SECTIONS	10-23-17	
S4.5	STRUCTURAL WALL SECTIONS	10-23-17	
S4.6	STRUCTURAL WALL SECTIONS	10-23-17	
S5.1	ELEVATIONS	10-23-17	
S5.2	ELEVATIONS	10-23-17	
S5.3	ELEVATIONS	10-23-17	
S6.1	SCHEDULES	10-23-17	
S7.1	STRUCTURAL ISOMETRIC VIEWS	10-23-17	
	MECHANICAL		
M0.1	MECHANICAL NOTES, LEGEND, & SHEET INDEX	10-23-17	
M0.2	MECHANICAL SCHEDULES	10-23-17	
M0.2	MECHANICAL SCHEDULES	10-23-17	
M1.1	MECHANICAL HVAC - 1ST LEVEL	10-23-17	
M1.2	MECHANICAL HVAC - 2ND LEVEL	10-23-17	
M1.3	MECHANICAL PIPING - 1ST LEVEL	10-23-17	
M1.4	MECHANICAL PIPING - 2ND LEVEL	10-23-17	
M2.1	MECHANICAL RM. ENLARGED PLANS	10-23-17	
M3.1	MECHANICAL DETAILS	10-23-17	
M3.2	MECHANICAL DETAILS	10-23-17	
M4.1	MECHANICAL DETAILS	10-23-17	
	FIRE PROTECTION		
FP0.1	FIRE PROTECTION NOTES, LEGENDS & DETAILS	10-23-17	
FP0.2	FIRE PROTECTION SITE PLAN	10-23-17	
FP1.1	FIRE PROTECTION OCCUPANCY HAZARD ZONE MAPS - FIRST FLOOR	10-23-17	
FP1.2	FIRE PROTECTION OCCUPANCY HAZARD ZONE MAPS - SECOND FLOOR	10-23-17	
FP2.1	FIRE PROTECTION SECTIONS	10-23-17	
FP3.1	FIRE PROTECTION DETAILS	10-23-17	
FP3.2	FIRE PROTECTION DETAILS	10-23-17	
	PLUMBING		
P0.1	PLUMBING NOTES & LEGENDS	10-23-17	
P1.0	SANITARY FLOOR KEY PLAN	10-23-17	
P2.1	FIRST FLOOR WATER & GAS PLAN	10-23-17	
P2.2	FIRST FLOOR SANITARY & VENT PLUMBING PLAN	10-23-17	
P2.3	SECOND FLOOR SANITARY & WATER PLAN	10-23-17	
P3.1	WATER & GAS ISOMETRIC PLAN	10-23-17	
P3.2	ACID WASTE ISOMETRIC PLAN	10-23-17	
P4.1	DETAILS	10-23-17	
P4.2	DETAILS	10-23-17	
P4.3	DETAILS	10-23-17	
	ELECTRICAL		
E0.1	ELECTRICAL COVER SHEET	10-23-17	
E1.1	ELECTRICAL SITE PLAN	10-23-17	
E2.1	ELECTRICAL LIGHTING PLAN - 1ST FLOOR	10-23-17	
E2.2	ELECTRICAL POWER PLAN - 1ST FLOOR	10-23-17	
E2.3	ELECTRICAL SYSTEMS PLAN - 1ST FLOOR	10-23-17	
E2.4	ELECTRICAL LIGHTING PLAN - 1ST FLOOR	10-23-17	
E2.5	ELECTRICAL POWER PLAN - 1ST FLOOR	10-23-17	
E2.6	ELECTRICAL SYSTEMS PLAN - 1ST FLOOR	10-23-17	
E3.1	ELECTRICAL PLAN DETAILS	10-23-17	
E4.1	ELECTRICAL ONE LINE DIAGRAM	10-23-17	
E5.1	ELECTRICAL RISER & DETAILS	10-23-17	
E5.2	ELECTRICAL RISER & DETAILS	10-23-17	
E6.1	ELECTRICAL PANEL	10-23-17	
E6.1	ELECTRICAL PANEL	10-23-17	
E7.1	ELECTRICAL DETAILS	10-23-17	
E7.2	ELECTRICAL DETAILS	10-23-17	
E7.3	ELECTRICAL DETAILS	10-23-17	

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

Comm. No: 16117.00
Date: 10-23-17
Drawn: MS

Revisions

No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

RENÉ TERCILLA AIA, REFP
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