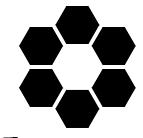
MANATEE COUNTY, FLORIDA BLACKSTONE PARK, LITTLE LEAGUE FIELDS - CONCESSION BUILDING -

2112 14TH AVENUE WEST PALMETTO, FLORIDA 34221

BID / PERMIT DOCUMENTS

03-06-2013 **FGA PROJECT # 12075**



FleischmanGarcia

SAFETY HARBOR OFFICE

195 FOURTH AVENUE NORTH SAFETY HARBOR, FLORIDA 34695 PHONE (727) 725-8880 FAX (727) 725-3900

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REGISTRATION NUMBER AA C000123

STRUCTURAL ENGINEER

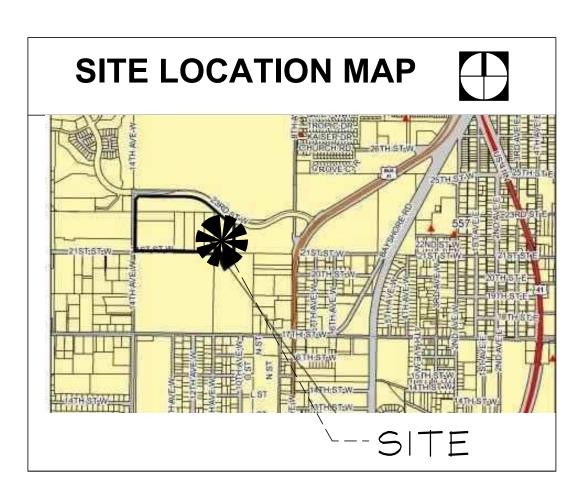
HEES & ASSOCIATES, INC KARL HEES, P.E.

1381 FIFTH STREET SARASOTA, FLORIDA 34236 PHONE 941-955-4555 FAX 941-955-9333

MEP-FP, **ENGINEER**

STEWART ENGINEERING

1859 NORTHGATE BLVD. SARASOTA, FLORIDA 34234 PHONE 941-351-9696 FAX 941-351-9655



FIRST FLOOR PLAN, ENLARGED PLAN AND TOILET ACCESSORIES SCHEDULE, SECOND FLOOR PLAN, FIRST FLOOR REFLECTED CEILING PLAN, SECOND FLOOR REFLECTED CEILING PLAN, ROOF PLAN AND LEGENDS FINISH SCHEDULE, OPENING SCHEDULE, SIGNAGE SCHEDULE, DOOR AND FRAME ELEVATIONS, SIGNAGE DETAILS AND OPENING DETAILS **ELEVATIONS AND BUILDING SECTIONS** WALL SECTIONS ROOF DETAILS AND PRODUCT APPROVAL SCHEDULE STRUCTURAL STRUCTURAL SPECIFICATIONS, LEGEND AND ABBREVIATIONS COMPONENTS AND CLADDING STRUCTURAL DETAILS FOUNDATION PLAN 2ND FLOOR FRAMING PLAN HIGH ROOF FRAMING PLAN SECTIONS AND DETAILS MECHANICAL, PLUMBING, AND ELECTRICAL **MECHANICAL** MECHANICAL PLAN - FIRST & SECOND FLOORS MECHANICAL NOTES, DETAILS & SCHEDULES **ELECTRICAL** ELECTRICAL POWER & LIGHTING PLAN - FIRST FLOOR ELECTRICAL POWER & LIGHTING PLAN - SECOND FLOOR F-2 ES-1 ELECTRICAL SITE PLAN **PLUMBING**

PLUMBING PLAN - FIRST & SECOND FLOORS

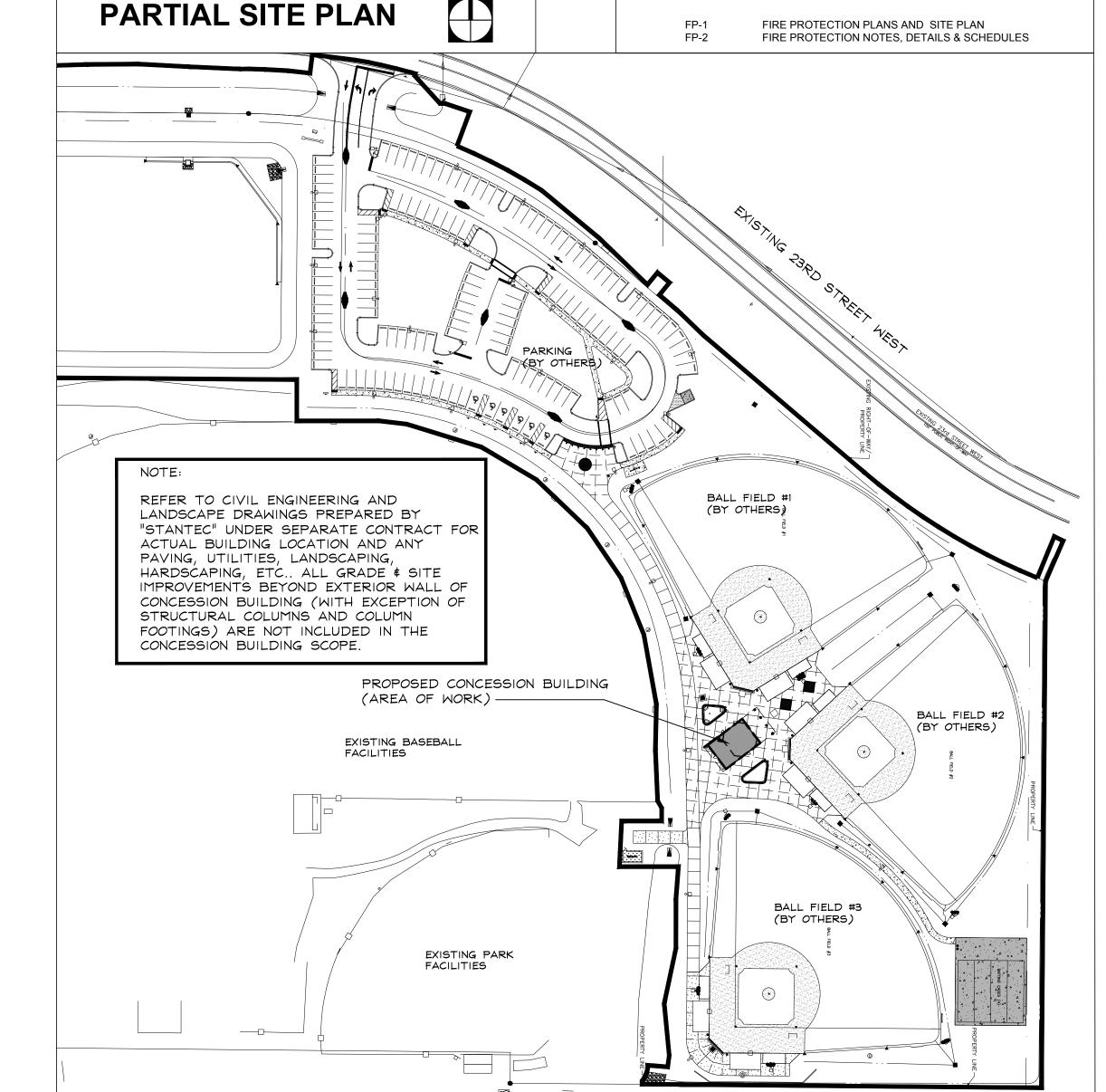
PLUMBING NOTES, DETAILS & SCHEDULES

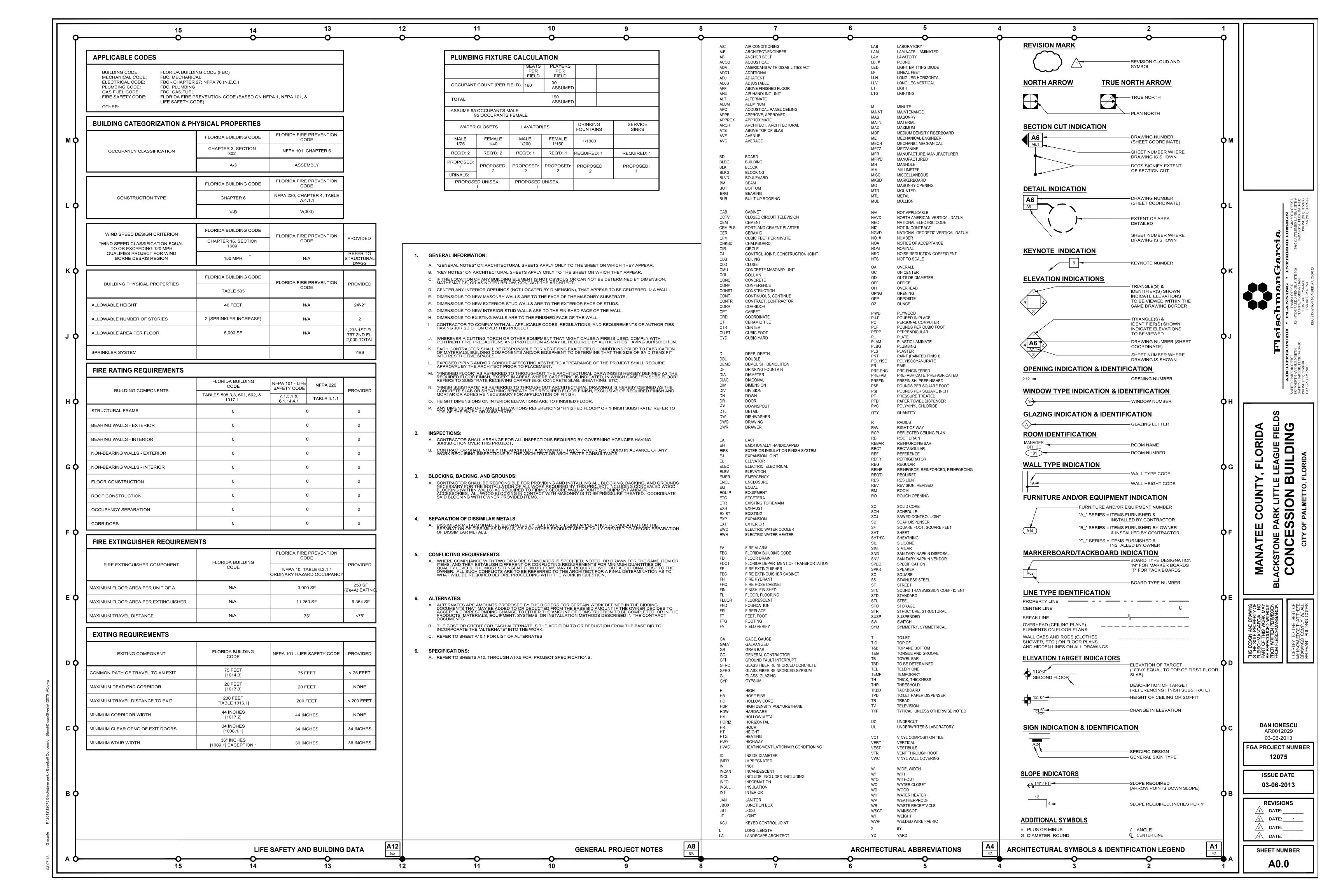
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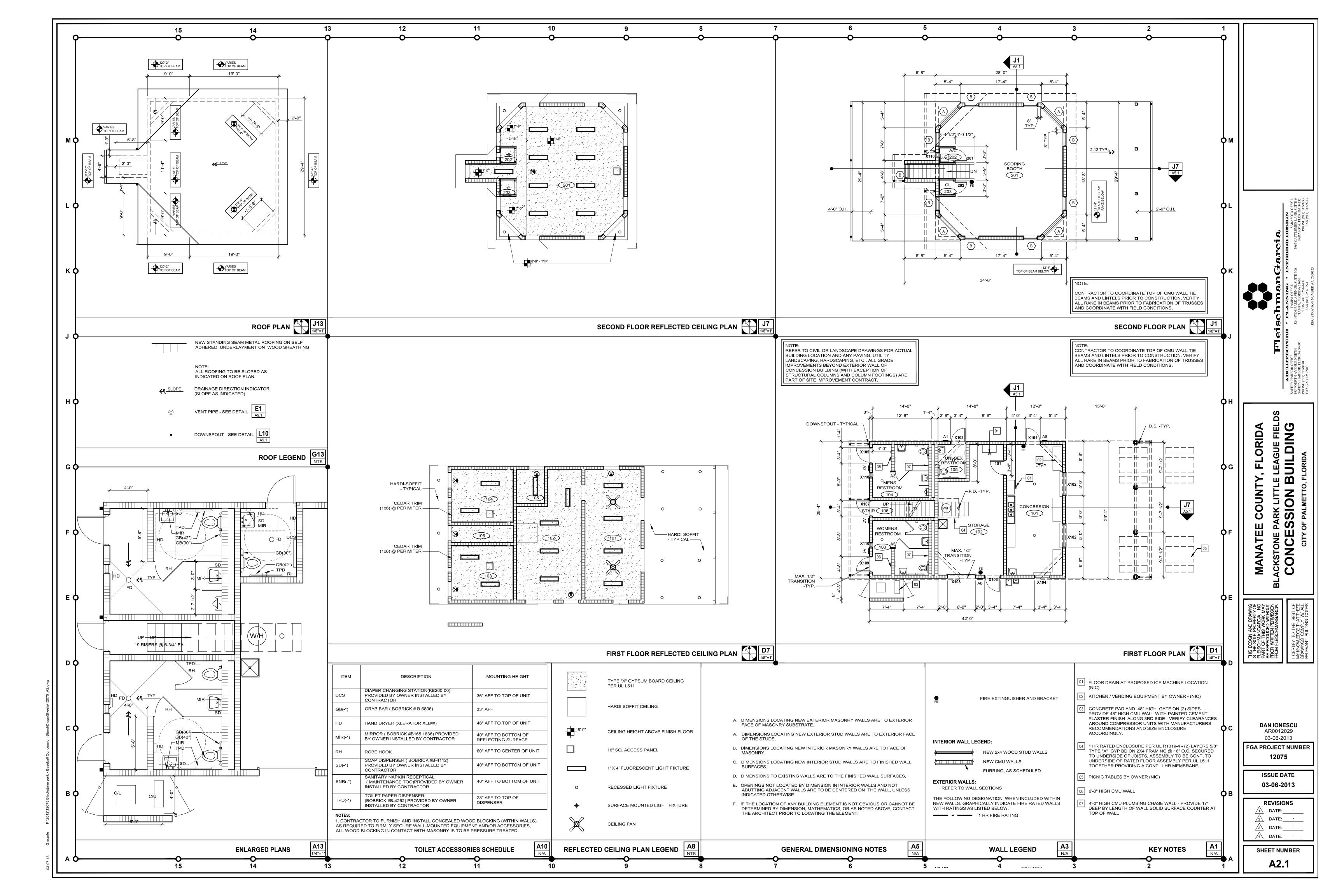
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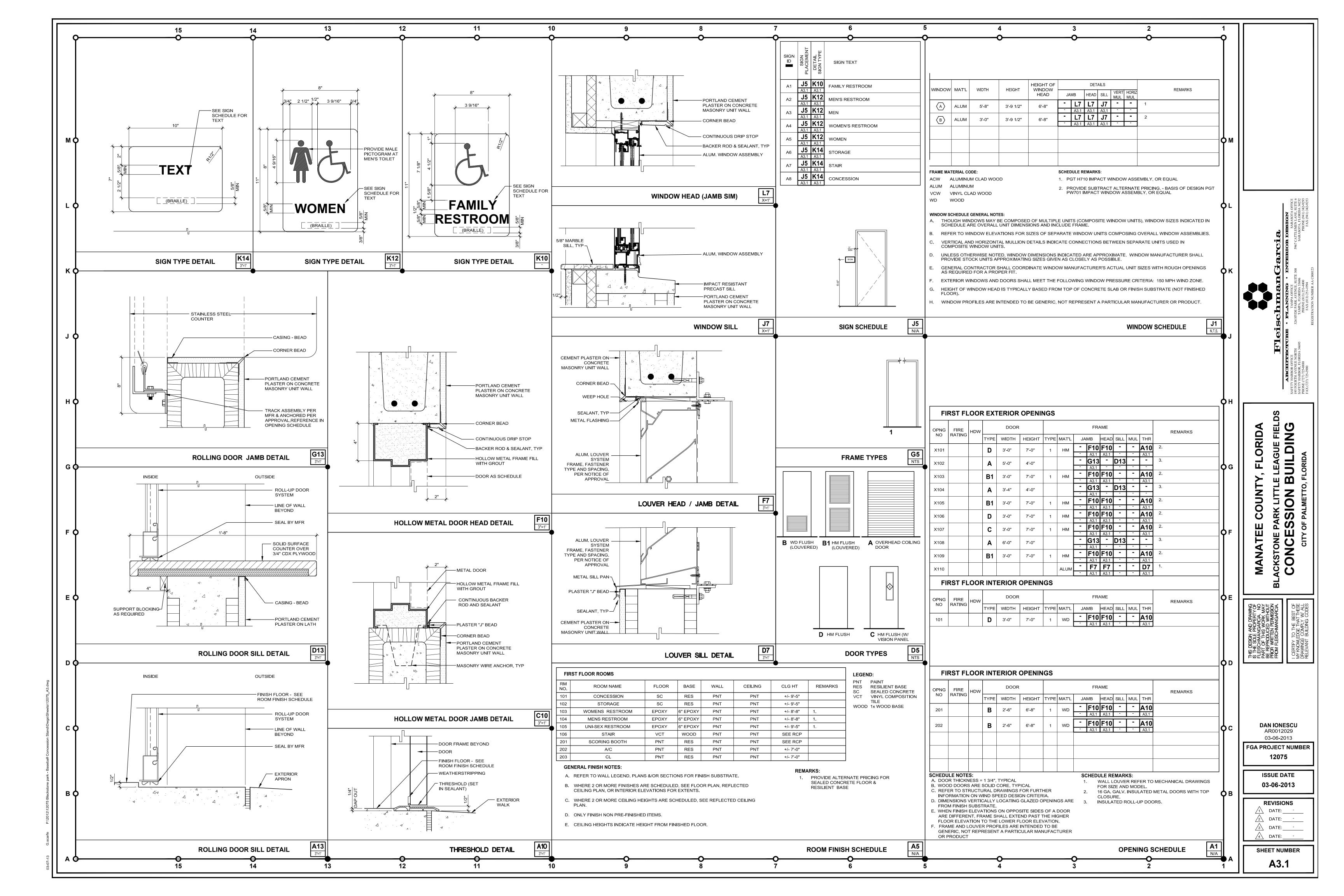
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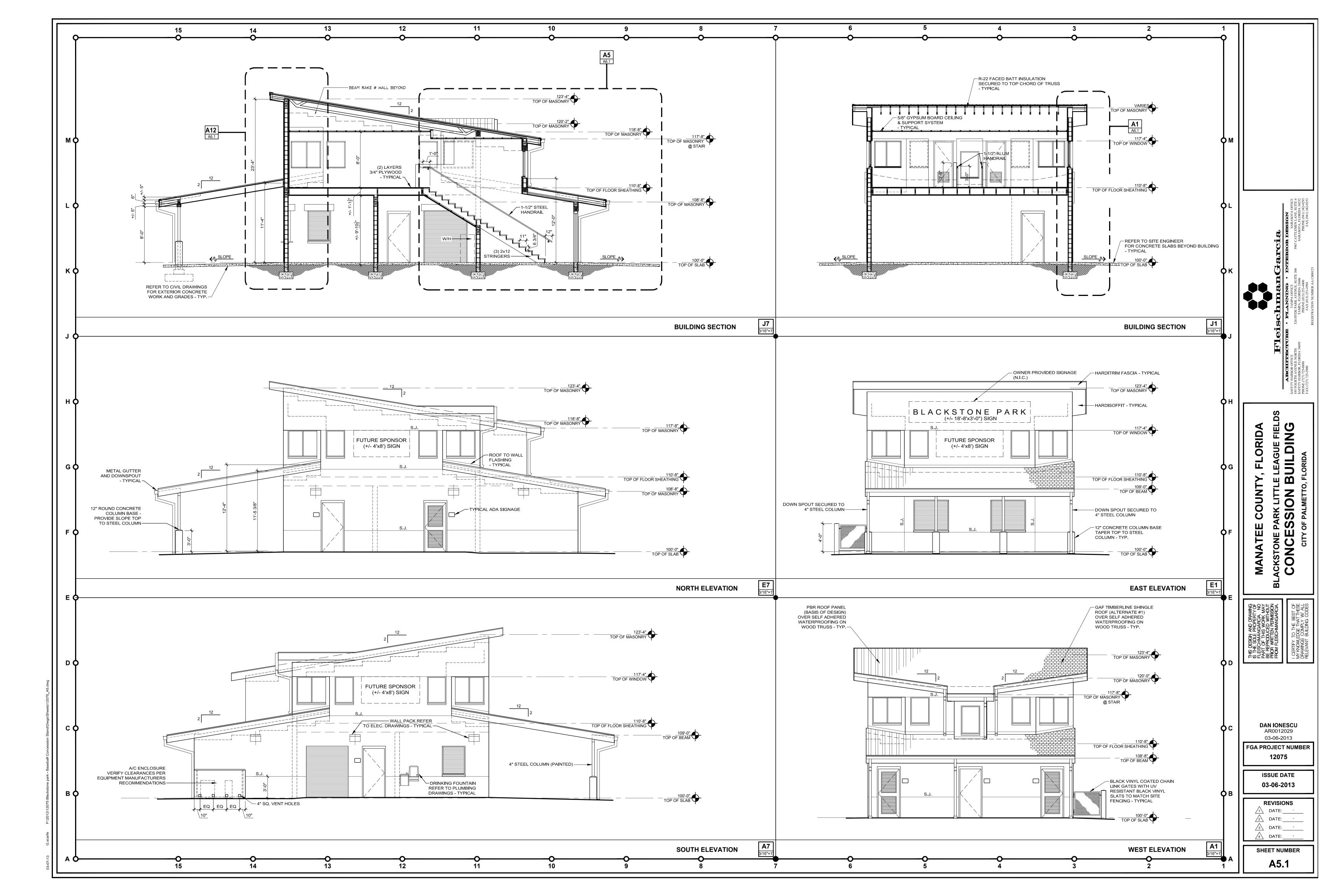
ARCHITECTURAL

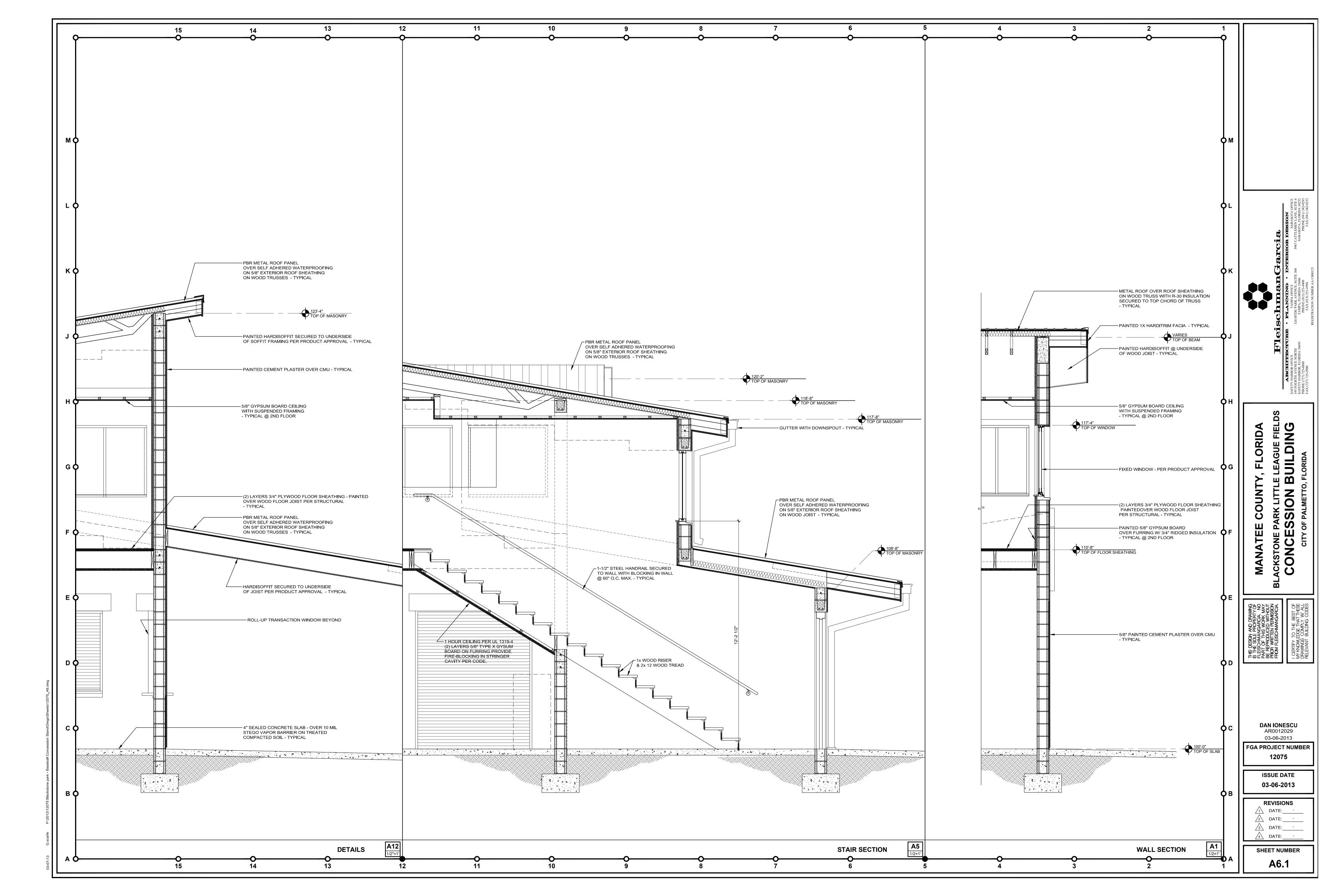


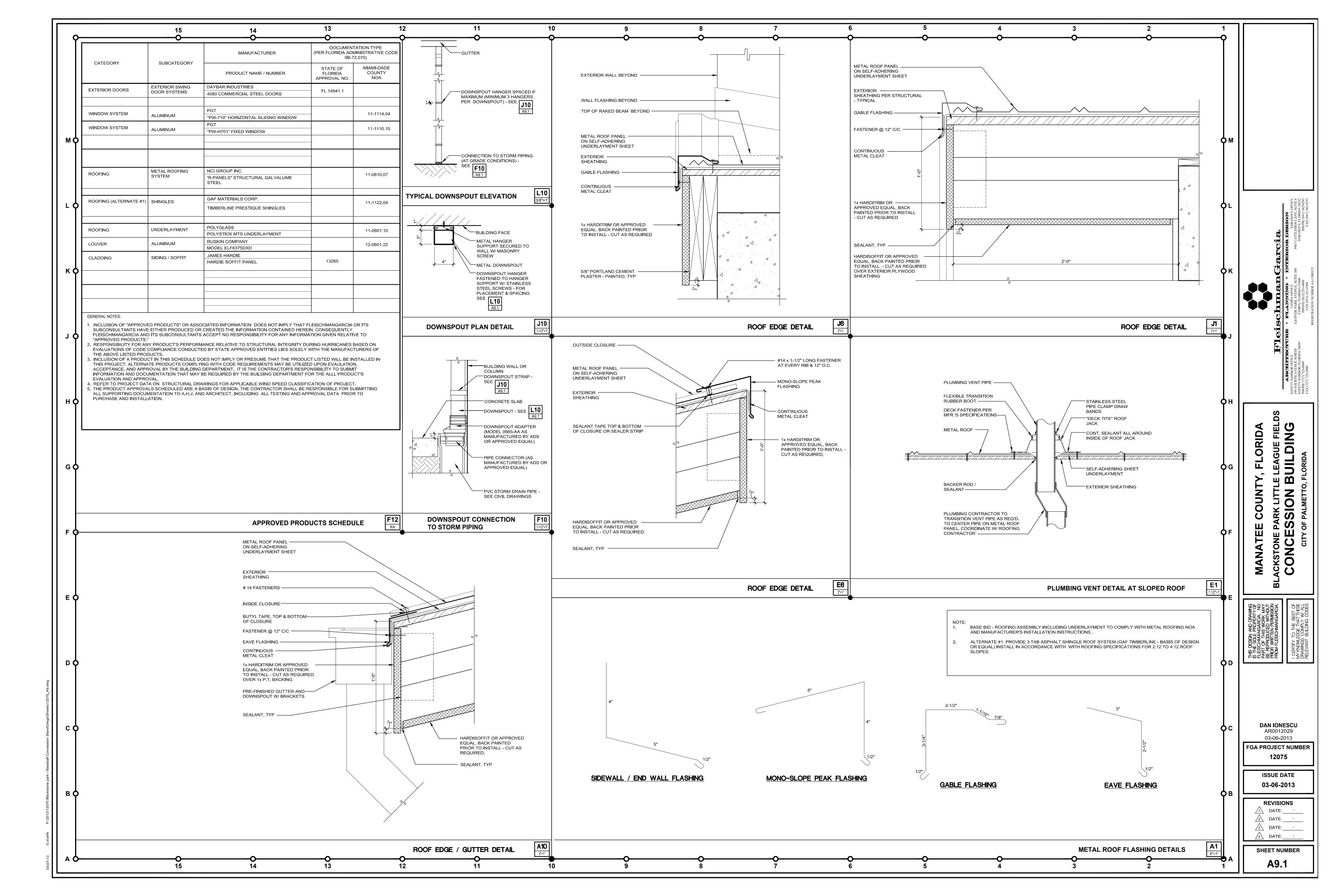


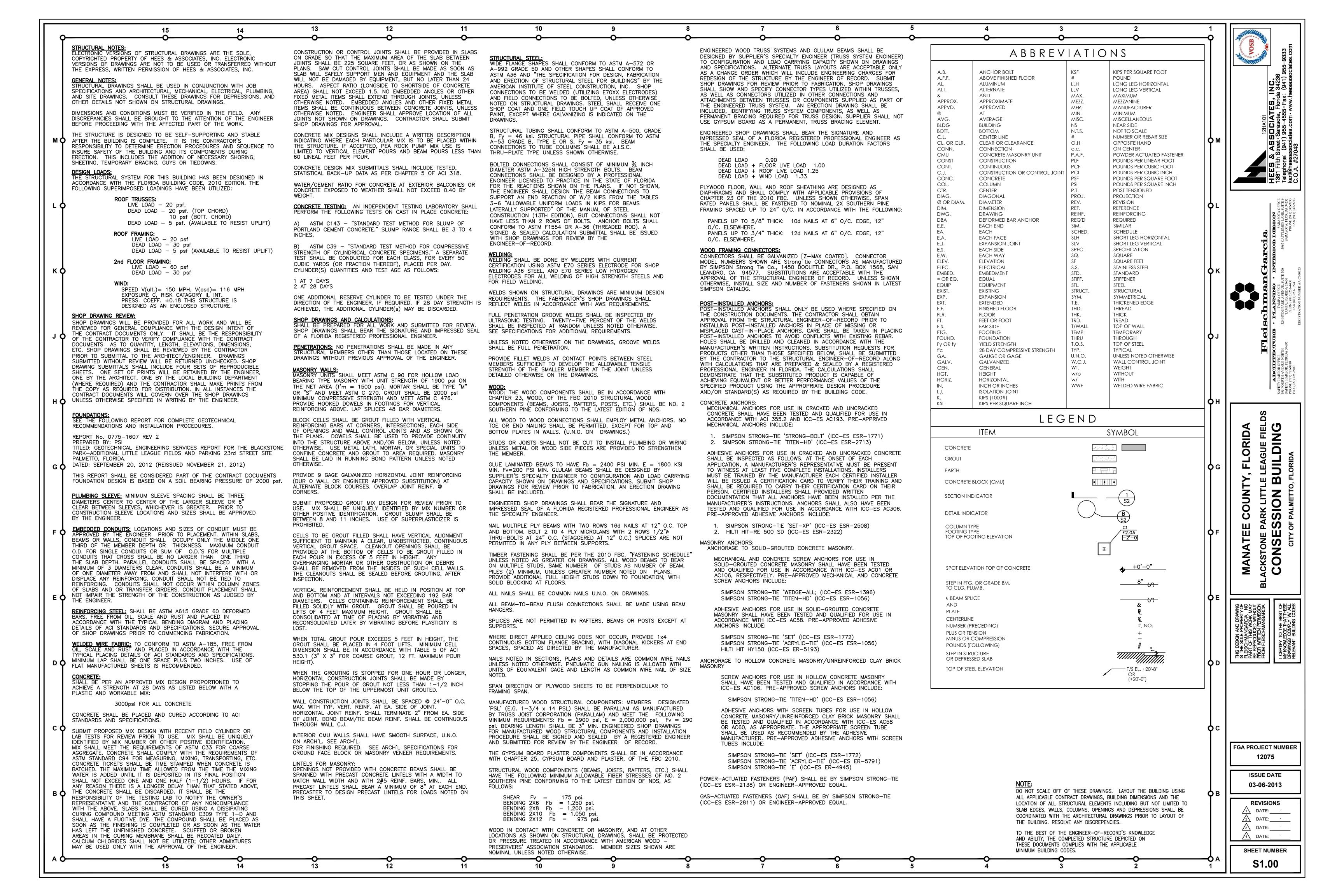


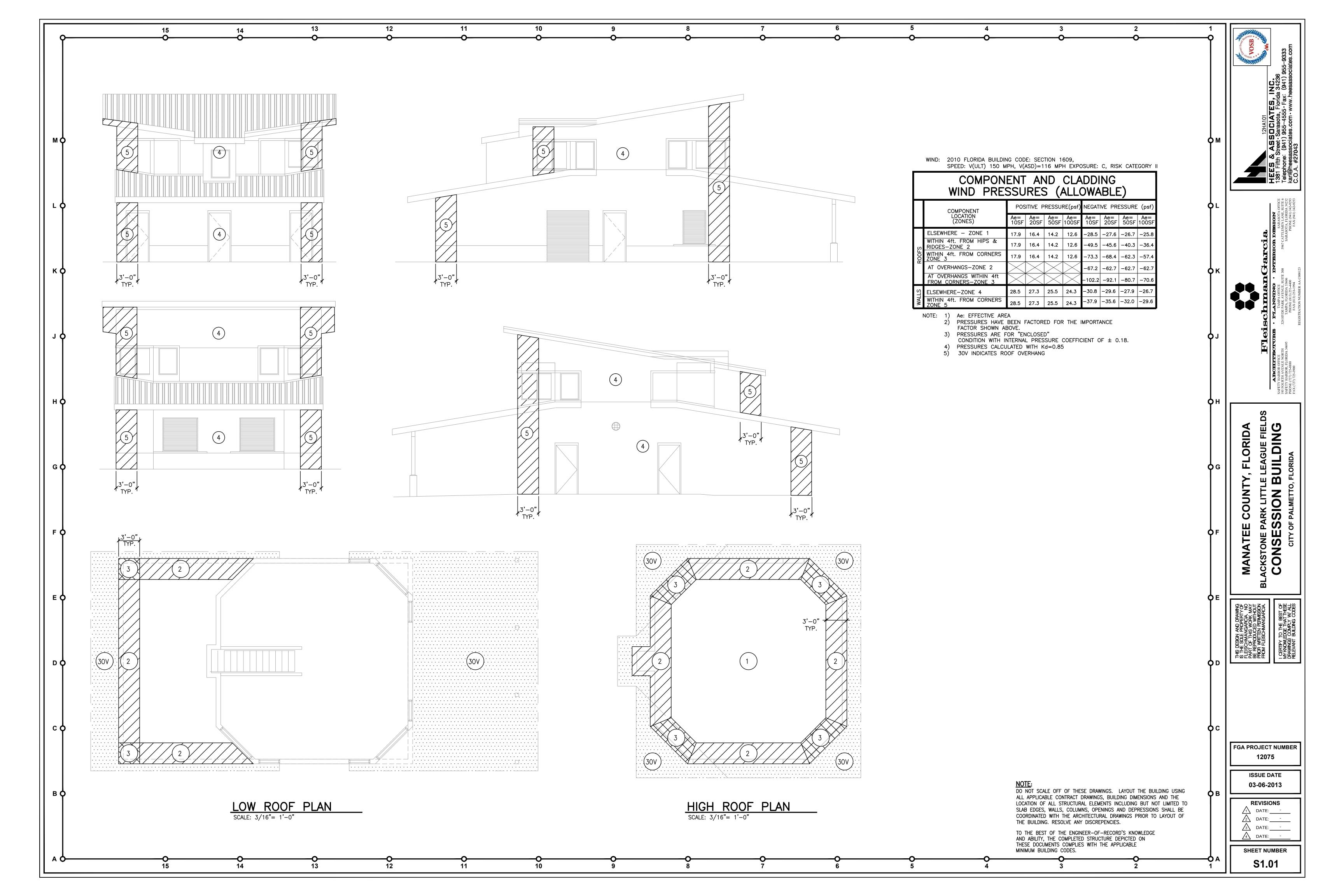


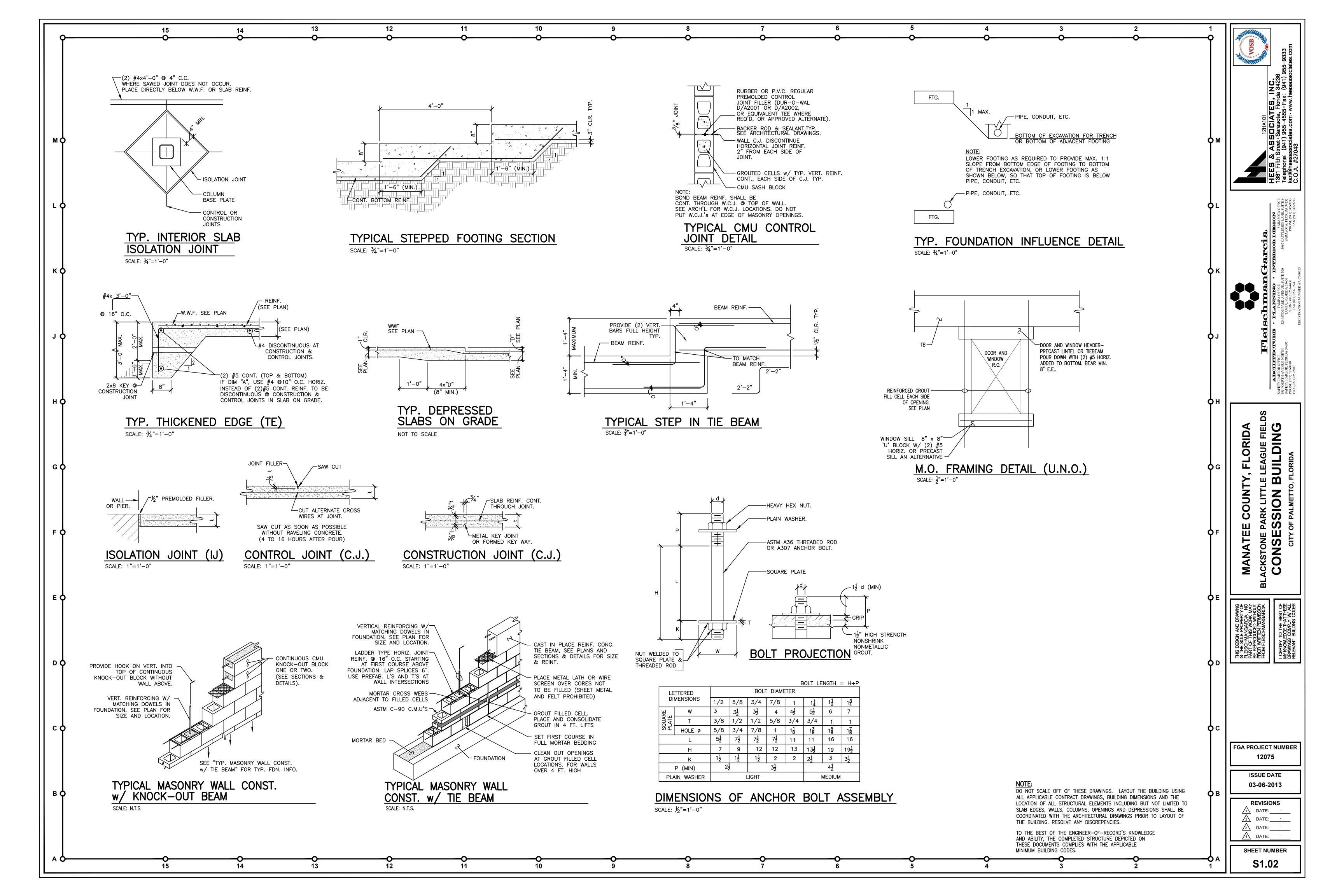


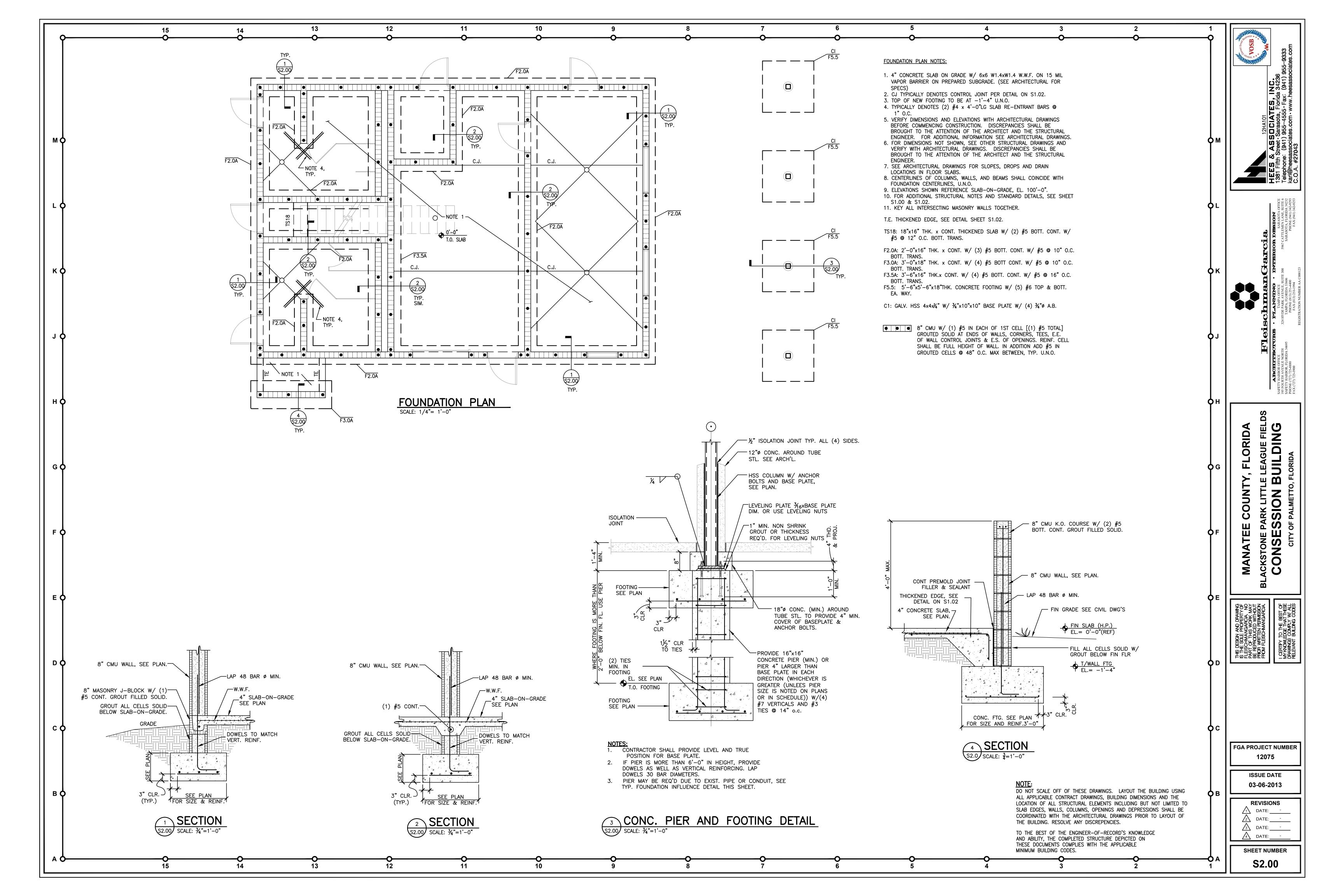


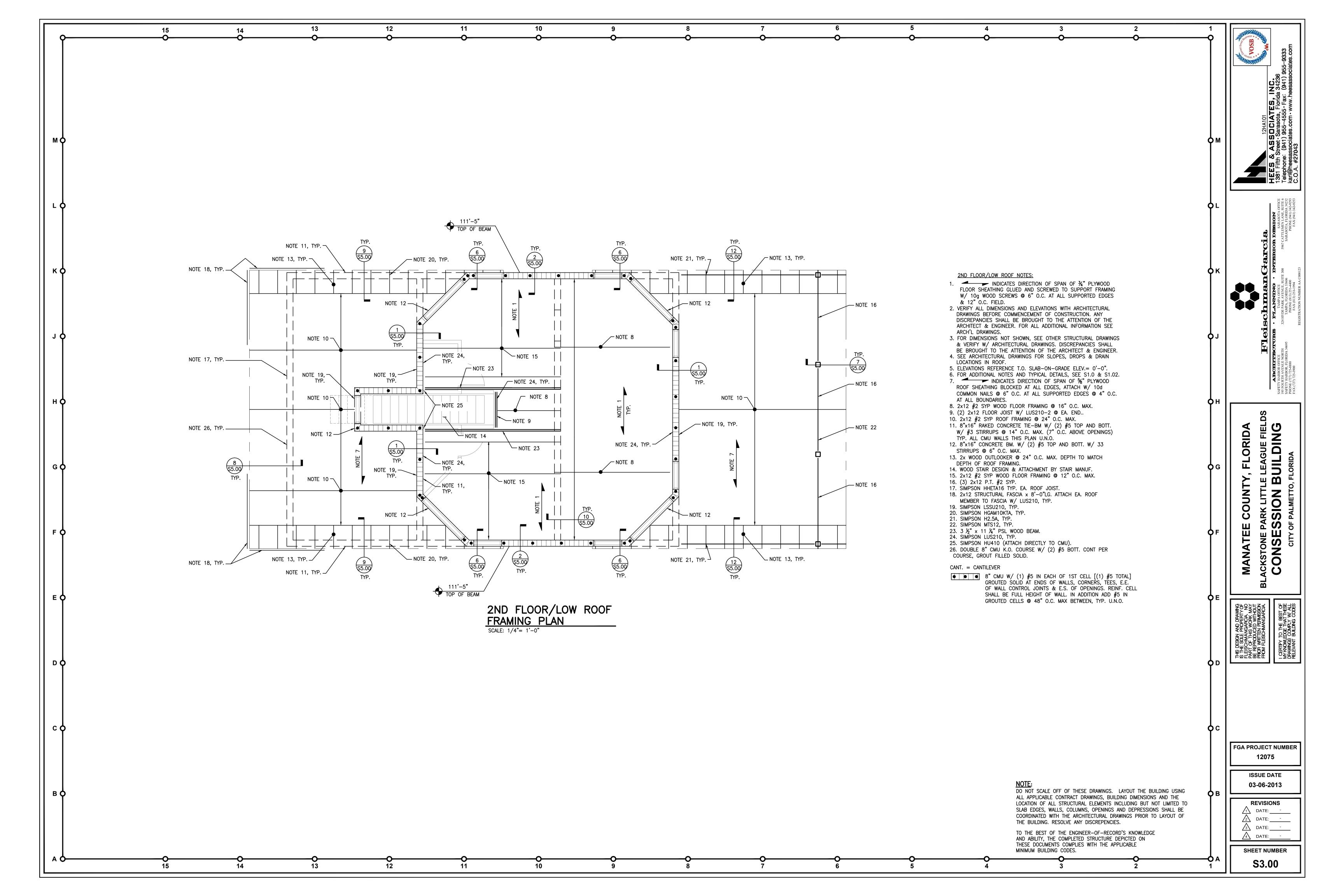


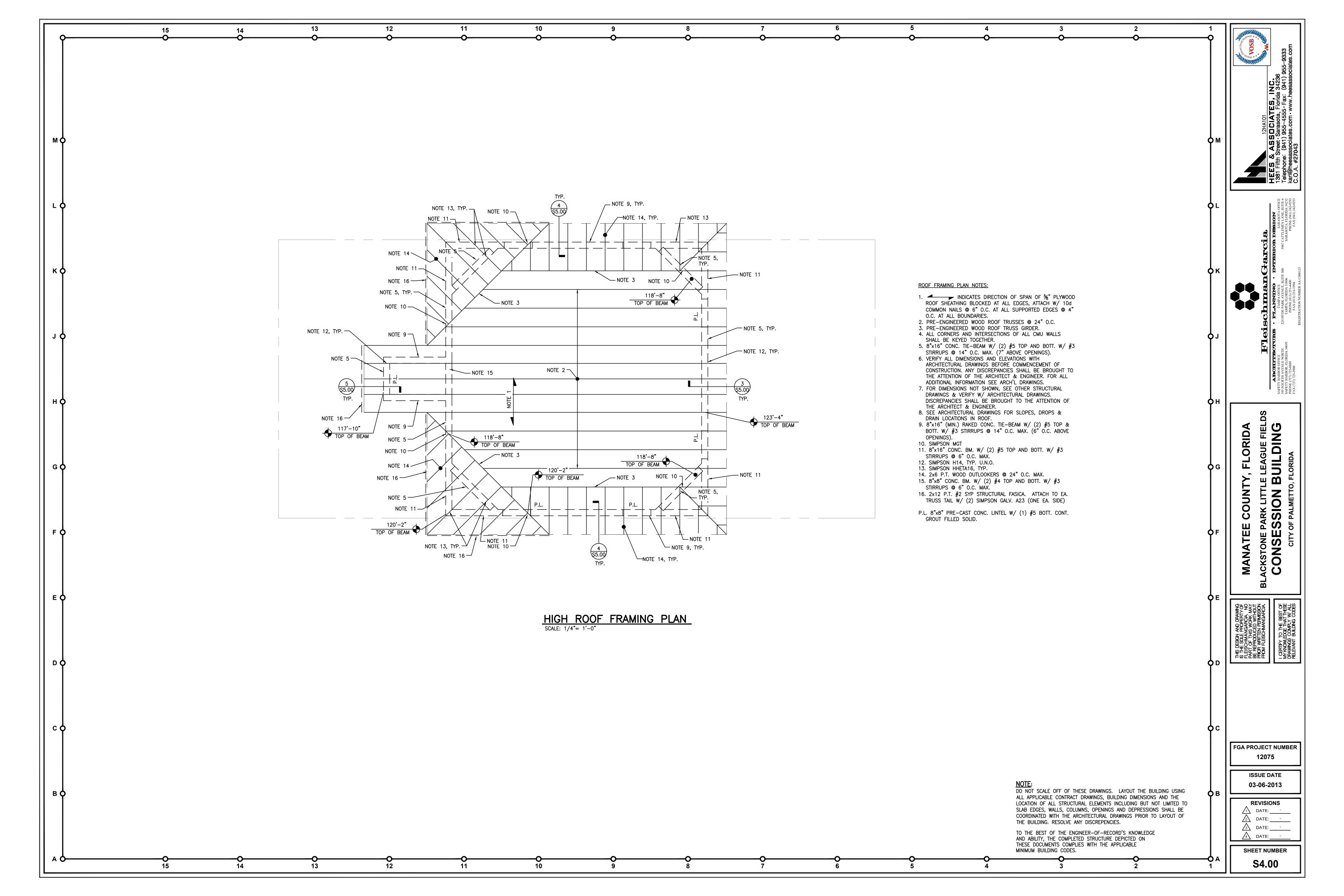


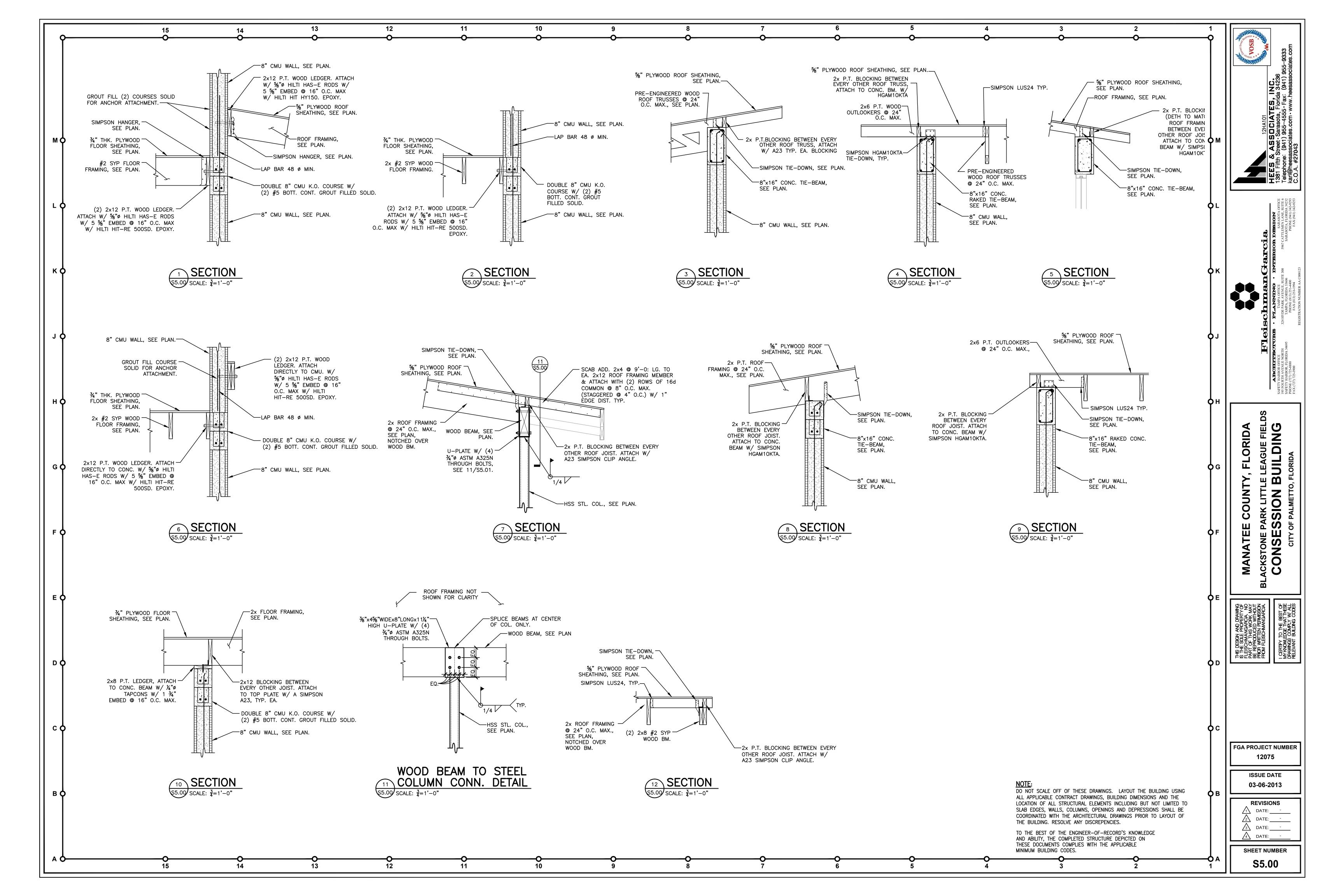


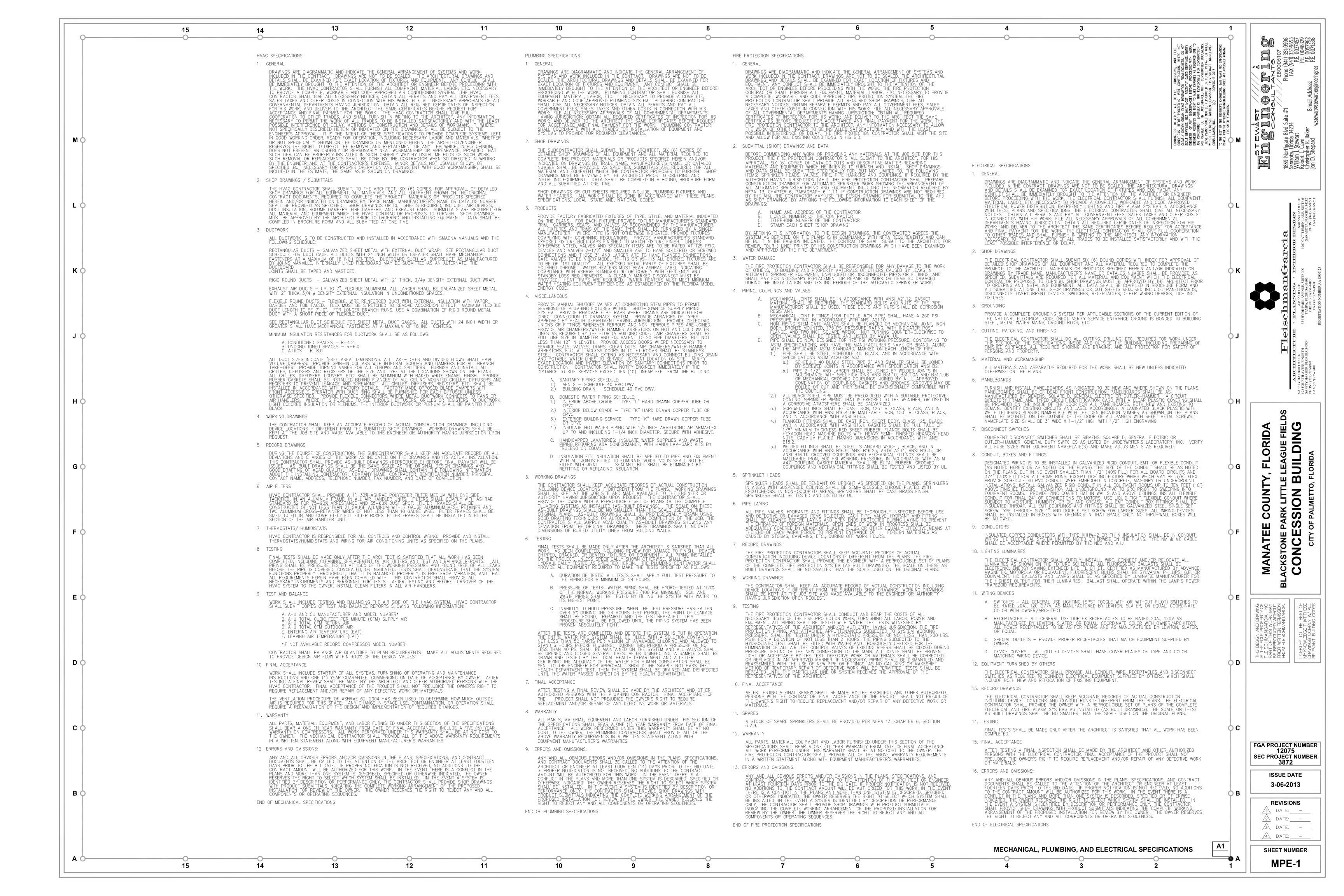


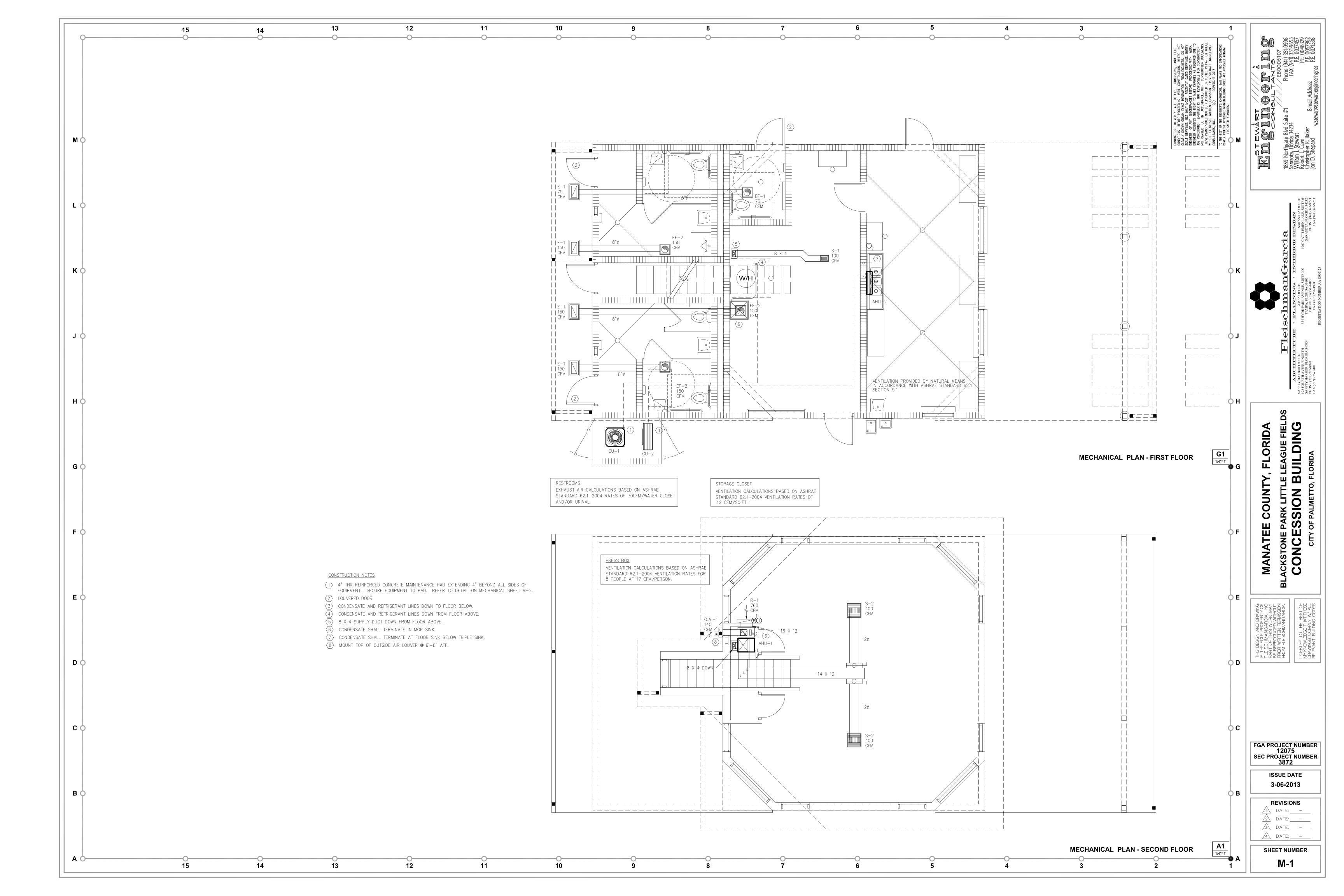












0	15	14	13	12	11	10		9	8	7		6		5	4	3	FIELD IRE NOT POULTY ON OUTLY WORK, O DUE TO CUMENTS. OR WHOUE	NEERING FICATIONS AINMUIM	© 06107 W41) 351-9996
	RECTANGULAR DUCT HA MAX. HALF OF DUCT PAIR AT 10' SPACING PERIMETER STRAP ROD	PAIR AT 8' SPACING	RECTANGULAR DUCT	Γ SCHEDULE					A/C SCH								DIMENSIONS, AND CONSTRUCTION. WHEE PROVE ED DRAWINGS. ORE PROCEEDING WITH CHANGES AS REQUIRED SPONSIBLE FOR CONSTRUCTION DOC ON COPIED IN PART OF DRAWINGS.	4 FROM STEWART ENGIN PPYRIGHT 2013 E, SAID PLANS AND SPECIF G CODES AND APPLICABLE M	F
	PERIMETER STRAP ROD P/2=30" 1" X 22 ga 10ga P/2=72" 1" X 18 ga 3/8" P/2=96" 1" X 16 ga 3/8"	STRAP ROD RECTANGU 1" X 22 ga 10ga DUCT 1" X 20 ga 1/4" DIMENSIC 1" X 18 ga 3/8" 36"-31	DN REINFORCEMENT 10'	CEMENT TYPE AND SPACING* 8' 6' C-24 C-26	UNIT AHU-1 AHU-2	MAN'R MODEL YORK AHR30B3X FRIEDRICH MW24Y3H		CFM SEER 900 660	VOLT/PH HEAT(kw) 240/1 4.4KW 240/1	AHU FAN MCA / C/B 3/4HP 28.8/30	77/67 5	EAVING EXT. STATIC 57/56 .45	0. A. CFM 140	NOTES 1 4,6			RIFY ALL DETAILS, PROCEEDING WITH AIN EXACT INFORMAT ONLY MOST RECE ONLY MOST RECEDING PROPER SERVEN THE RIGHT TO MAKE GIGHER IS NOT RECEDINGEN IS NOT RECEDINGEN IS NOT RECEDIANCES WITH THE RIGHT TO MAKE GIGHER IS NOT RE	WRITTEN PERMISSION © CC CCINGINEER'S KNOWLEDGE 'ABLE MINIMUM BUILDIN TANDARDS.	
Q	FLEXIBLE DUCT HANCE MINIMUM HANGER WIDTH 1 1/2" ROUND DUCT HANGE MAX 12' SPACING	ERS 28"-27	7" 18 GA. B-24 5" 20 GA. A-26	B-26	CU-1	YORK YCJD30S	/	13	240/1	14.7/25				2,3	HVAC - NOTES 1. DRAWINGS ARE DIAGF	RAMMATIC AND INDICATE THE CENERAL ARRA	ABOUT TO WE CONTRACTOR TO VE CONDITIONS BEFORE CLEARLY SHOWN OBT. SCALE DRAWINGS, US ENGINEER OF ANY ENGINEER RESERVES. JOB CONDITIONS. EN NOT CRRIED OUT IN HESE PLANS SHALL.	WITHOUT EXPRESSED CONSULTANTS, INC. O THE BEST OF THE ECONDLY WITH THE APPLICATION FIRE SAFETY SI	EWENT THE State Blwd Suite
	STRAP RO 10" DOWN 1" X 22 ga 1/	OD WIRE 24"-23" /4" (1)12 ga. /4" (2)12 ga. or (1)8 ga. 18"-DN	" 22 GA. A-26 " 24 GA. A-26		NOTES: 1. SLOPED D	FRIEDRICH MR24Y3H RAIN PAN	27.3/	18	240/1 33,000BTUH	21/30	92			5		LUDED IN THE CONTRACT. DRAWINGS ARE I LUDED IN THE CONTRACT. DRAWINGS ARE I AND DETAILS SHALL BE EXAMINED FOR EXA MENT. ANYTHING MENTIONED IN THE SPECIF NG IN BOTH. ANY CONFLICT SHALL BE IMME TION OF THE OWNER OR ENGINEER BEFORE	AČŤ LÖCATION TICATION WILL EDIATELY PROCEEDING	20 10	O North
	3 ,	/4" (2)10 ga. /8" (2)8 ga. NFORCEMENT DETAILS	N 20 GA. A-20		3. MICROCHA 4. CONDENSA 5. INVERTER	ATE PUMP	IG								ETC. NECESSARY TO PRO CONDITIONING SYSTEM. PLANS AND SPECIFICATIO 3 THE HVAC CONTRAC	TOR SHALL FURNISH ALL EQUIPMENT, MATER DVIDE A COMPLETE, WORKABLE AND CODE A ALL WORK SHALL BE DONE IN ACCORDANCE INS, LOCAL, STATE AND NATIONAL CODES. TOR SHALL GIVE ALL NECESSARY NOTICES, (BOVERNMENT FEES, SALES TAXES AND OTHER	PPROVED AIR WITH THESE OBTAIN ALL		
	* STRAPS ARE GALVANIZED STEEL; RODS ARE * TABLE HANGERS ARE BASED ON CONVENTION SIZED TO WITHIN LOAD LIMITS FOR INSTALLA	UNCOATED OR GALVANIZED STEEL; WI NAL WALL THICKNESS AND JOINT SYST	IRE IS BLACK ANNEALED, BRIGH EMS WITH ONE LB/SQ.FT OF IN	HT BASIC OR GALVANIZED STEEL ISULATION WEIGHT. ADJUST HANGER			EXH	AUST FAN	SCHEDULE						CONNECTION WITH HIS W GOVERNMENTAL DEPARTM CERTIFICATES OF INSPEC SAME CERTIFICATES BEFO THE WORK.	ORK; FILE ALL NECESSARY APPROVALS OF A IENTS HAVING JURISDICTION; OBTAIN ALL RE TION FOR HIS WORK; AND DELIVER TO THE DRE REQUEST FOR ACCEPTANCE AND FINAL	ALL QUIRED OWNER THE PAYMENT FOR	ŮL	
					EF-1 CE	ILING GREENHECK		75 .15	115/1/60	FAN SPEE / SONES 54W 900/2	ACCESSORI 1	ES				TOR SHALL GIVE FULL COOPERATION TO OTH WRITING TO THE ARCHITECT, ANY INFORMATION TO BE INSTALLED HOTH LEAST POSSIBLE INTERFERENCE OR INTERFERENCE OR INTERFERENCE OF INTERFERENCE OR INTERFERENCE OR INTERFERENCE OR INTERFERENCE OR INTERFERENCE OR INTERPRETATION OF THE FINAL OF TH			•
		BLADE DAMPER DRYWALL			EF-2 CE ACCESSORIES: 1. BACKDRAF		SP-B150	150 .15	115/1/60	129W 1050/2.5	1				CONTRACTOR SHALL PRO ROUTING FOR REVIEW BY ANY MATERIAL ON THIS STRUCTURAL TRUSS SPA ARRANGEMENT. THE SHI ORIGINAL CONTRACT DOC WITHOUT ADDITIONAL COS	INDE SHOP DRAWINGS INDICATING THE FINAL THE ARCHITECT AND ENGINEER PRIOR TO II PROJECT. THIS MAY REQUIRE DUCTWORK R CE AND SHALL BE COORDINATED WITH FINAL DP DRAWING SHALL BE OF THE SAME SCALE UMENT. FINAL DUCT ROUTING SHALL BE PF ST TO THE PROJECT.	DUCT NSTALLING OUTING WITHIN STRUCTURAL AS THE ROVIDED	о к	(
	SUPPLY GRILLE DE	<u>—</u> ТАП					AIR DEVICE	SCHEDIII E	_						6. CLEARANCES AROUN CONSTRUCTION, INCLUDIN BE SUFFICIENT TO ALLOW WITHOUT REMOVING SUCH	D APPLIANCES TO ELEMENTS OF PERMANENT G OTHER INSTALLED EQUIPMENT AND APPLIA V INSPECTION, SERVICE, REPAIR OR REPLACE H ELEMENTS OF PERMANENT CONSTRUCTION.	T ANCES, SHALL MENT		
	SCALE: NONE	····			SYMBOL S-1	DESCRIPTION MANUFACTU 2-WAY PRICE	JRER CATALOG #		NECK SIZE 8 X 6	NOTES					INCLUDED IN THE ESTIMA 8. ALL DUCTWORK IS TO SMACNA MANUALS AND	USUALLY SHOWN OR SPECIFIED, BUT NECES CONSISTENT WITH GOOD WORKMANSHIP, SH TE, THE SAME AS IF SHOWN ON DRAWINGS. D BE CONSTRUCTED AND INSTALLED IN ACCOUNTY THE FOLLOWING SCHEDULE:	ORDANCE WITH		,
	THREADED CAP				S-2 R-1	4-WAY PRICE SIDEWALL PRICE		760	16 X 16	1					AI A MAXIMUM 'SUPERDUCT' AS FIBERBOARD MA	DUCTS — GALVANIZED SHEET METAL WITH EXCTANGULAR DUCT SCHEDULE FOR DUCT GAG NDTH OR GREATER SHALL HAVE MECHANICAL OF 18 INCH CENTERS. DUCTBOARD SUCH A MANUFACTURED BY JOHNS MANVILLE, INTEL Y BE SUBMITTED AS AN ALTERNATE. THE DU E TAPED AND MASTICED.	15		
	SIZE TO MANUFACTURER				OA-1	LOUVERED RUSKIN	ELF6375DXI	D 140	12 X 12	2,3					B. RIGID ROUND DU INSULATION. C. FLEXIBLE ROUNE EXTERNAL INSUL	JCTS — GALVANIZED SHEET METAL WITH EXT D DUCTS — FLEXIBLE, WIRE REINFORCED DUC ATION WITH VAPOR BARRIER AND FOIL FACE CHED TO REMOVE ACCORDION EFFECT. FLEX	ET WITH ED. FLEX		
	SLOPE TO DRAIN © 1/8" PER 1' (MIN) 2" MIN. UNIO	ON FLOATSWITCH ON SECON	DADY		NOTES:	SOFFIT MTD PRICE	610Z	75–150	10 X 6	2					LENGTH SHALL I D. EXHAUST AIR DI EXTERNAL DUCT SHALL BE GALV.	NOT EXCEED 7' LENGTH. JCT — INSULATED IN UNCONDITIONED SPACE WRAP. UP TO 7', FLEXIBLE ALUMINUM, ALI ANIZED SHEET METAL.	S WITH L LARGER	н	
	P-TRAP DETAIL	DRAIN CONNECTION FOR HANDLER SHUT DOWN.	AIR		2. BIRDSCREE	BLADE DAMPER EN APPROVAL NUMBER: FL3283.1									9. MINIMUM INSULATION	T — GALVANIZED SHEET METAL WITH EXTERN NONED SPACES. RESISTANCE FOR DUCTWORK SHALL BE AS PACES — R—4.2			RIDA
 	SCALE: NONE	<u>=</u>			<u>AIR HANDLING UNIT</u>	<u>(AHU-1)</u> FAN SHALL OPERATE CONTINUOI	JSLY WHEN THE BUILD	DING IS OCCUPIED. UNI	IT						A. CONDITIONED SF B. UNCONDITIONED C. ATTICS — R—8.0 10. ALL DUCT SIZES INDI DIVIDED FLOWS SHALL HA INTEGRAL SCOOPS AND INTEGRAL VANCES FOR ALL	SPACES — R—6.0) CATE "FREE AREA" DIMENSIONS, ALL TAKE— AVE VOLUME DAMPERS. PROVIDE SPIN—IN C DAMPERS FOR ALL BRANCH TAKE— OFFS. F . ELBOWS AND SPLITTERS.	OFFS AND COLLARS WITH PROVIDE	O G	, FLO
					OPERATION SHALL E WITH OUTO CHANGE THERMOSTATS SHAL OPERATION SHALL E	BE CONTROLLED BY A WALL MOU OVER TO HEAT(3—5 DEGREE DEA L BE MODIFIED TO HAVE FAN ON BE DISABLED). ALL THERMOSTATS WITCH IS PLACED IN THE "OFF"	NTED VENSTAR THERM ADBAND) AND HUMIDIS' N AND OFF POSITIONS S SHALL TURN THE FA	MOSTAT(MODEL T2950) TAT MODULE (AS INDI ONLY. (AUTO FAN N "OFF" WHEN THE							11 FUDNICH AND INCTA	LL ALL GRILLES, DIFFUSERS AND REGISTERS SHOWN ON THE PLANS. ALL GRILLES, DIFF EXTRUDED ALUMINUM WITH BAKED WHITE E R GASKETS SHALL BE INSTALLED BEHIND FLA REGISTERS TO PREVENT LEAKAGE AND STR SISTERS, ETC. SHALL BE INSTALLED IN ACCO	OF THE TYPE		UNTY
	5'-0" MAX.	√ 1 1/2" MIN. WIDTH			THE HUMIDISTAT SH. IF THE HUMIDISTAT	E AT 75°F (ADJUSTABLE). ALL BE SET TO MAINTAIN 60% R SENSES HUMIDITY ABOVE 60%, T S PRIMARY COMPRESSOR. AS TH	THE HUMIDISTAT SHALL		VERSHOOT	EXTERIOR FIXED BL LOUVER REFER TO SCHEDULE FOR SIZ	GRILLE	CAULK AS RE	ENTIRE OPENING QUIRED		12. FACTORY MADE OPPO OPERATOR AND DUCT RII	DSED BLADE DAMPERS WITH FRONT ACCESSING SHALL BE FURNISHED FOR EACH NEW DIDNNECTORS WHERE METAL DUCTWORK CONNE	BLE FFUSER.		E CO
		HANGER SUPPORT.				JSTABLE), THE THERMOSTAT SH <i>A</i> DN OFF.				BIRD SCREEN —		LINTE	IL/FRAMING AS REQU	JIRED.	14. WHERE IT IS POSSIBL TO DUCTWORK, LIGHT CO DUCTWORK OR PLENUM S	LE TO SEE THROUGH DIFFUSERS, GRILLES OR LORED INSULATION OR PLENUMS, THE INTER SHALL BE PAINTED FLAT BLACK. NES SHALL BE SIZED IN ACCORDANCE WITH	R REGISTERS IOR	O F	NATE
	MAX. SAG 1/2" PER FOOT OF SUPPORT SPACING.				AIR HANDLING UNIT TEMPERATURE OF 70 EXHAUST FANS	FAN SHALL OPERATE WITH A W. 6°F (ADJUSTABLE).	ALL MOUNTED THERMO	STAT SET TO MAINTAI	N SPACE			REFE	R'TO ARCHITECTURA RIOR WALL R TO ARCHITECT	L DRAWINGS	MANUFACTURER'S INSTAL SHALL BE 1" MINIMUM IN BUILDING EXTERIOR WITH WITH COMPRESSION GLUE	LATION INSTRUCTIONS. REFRIGERANT LINE I UNCONDITIONED ATTIC AREAS. COVER INSI UV RESISTANT COATING. INSTALL INSULATI AT BUTT JOINTS. FOR IS RESPONSIBLE FOR ALL CONTROLS AN OF OPERATION.	NSULATION ULATION AT ON SECTIONS		MANA
	FLEXIBLE DUCT HANGER SCALE: NONE	DETAIL				T FANS (EF—1AND EF—2) SHALL FANS (EF—2) SHALL BE CONTR			HT SWITCH.			PLAN	IS FOR TYPE		17. ALL AIR HANDLERS 1	OF OPERATION. TO HAVE SLOPED DRAIN PANS. TOR IS RESPONSIBLE TO PROVIDE ALL CONDITIONS ING SHALL BE CONSTRUCTED OF PVC PIPING DATED WITH UV PROTECTIVE PAINT. CONDENT AIR PLENUM SHALL BE CONSTRUCTED OF (L BE RUN TO THE BUILDING EXTERIOR TO A		₽ E	20 N N N N N N N N N N N N N N N N N N N
											LOUVEI scale: non	R DETAIL E			(MAXIMUM 10 10NS EACH OTHERWISE SHOWN ON T 5' FROM BUILDING. COND SHALL BE INSULATED.	H, STORM DRAIN OR RETAINAGE AREA UNLE HE PLAN. PROVIDE FULL LINE SIZE GOOSENE ENSATE LINES LOCATED IN UNCONDITIONED	SS CK MAX SPACES		DESIGN AND DRAY SOLE PROPERT CHMANGARCIA. OF THIS WORK PRODUCED WITH WRITTEN PERMIS
0	SUPPLY									HANGERS—					RESULTS OF BALANCING ADJUSTMENTS REQUIRED	E TESTING AND BALANCING OF THE HVAC S MIT COPIES OF TEST AND BALANCE REPORT OF AIR QUANTITIES TO PLAN REQUIREMENTS TO PROVIDE ±10% DESIGN AIR FLOW. E STARTUP OF ALL SYSTEMS, FURNISHING C RUCTIONS, WALK THROUGH WITH MAINTENANC COMMENCING ON DATE OF ACCEPTANCE BY	S. MAKE ALL	○ D	THS DES IS THE S FLEISCH PART OF BE REPR PRIOR WILL FROM PI
	FLEXIBLE CONNECTION SERVICE PANEL		PHILIPS HÉAD FA	TAINLESS STEEL SELF DRILLING #12 GA ASTENERS WITH STAINLESS STEEL WASH	HER.						ELECTRICAL DISCONNECT				21. THE VENTILATION RA	TO THE OF ACCEPTANCE BY TE PROCEDURE OF ASHRAE STANDARD 62.1 TO THE AMOUNT OF OUTSIDE AIR FOR THIS SECONTAMINANTS, OR OPERATION MAY REQUIR THE AMOUNT OF OUTSIDE AIR FOR THIS SECONTAMINANTS, OR OPERATION OF NEEDED CH	2010 HAS SPACE ANY		
	FAINEL AHU FILTER ACCESS P-TRAP SEE DETAIL	OUTSIDE AIR DUCT MOTORIZED DAMPER	STRAP. MINIMUM 1"	VERY SUPPORT LEG. USE STAINLESS ST WIDTH 24 GAUGE. ONE END SCREWED OTHER END SECURED TO PLATFORM.) TO	CONDENSING UNIT	- CONDENSING UNIT PL REFER TO ARCHITEC DRAWINGS FOR CONS DETAILS.	LATFORM. TURAL STRUCTION		EXHAUST			GRILLE BOOT		22. THERMOSTATS AND H ABOVE THE FLOOR. 23. ALL EQUIPMENT EXTE WITHSTAND 150MPH WIND	HUMIDISTATS SHALL BE MOUNTED AT 54" ERIOR TO THE BUILDING SHALL BE SECURED OS.	ТО		
O	AUXILIARY DRAIN CONNECTION W/ UNIT SHUTOFF (FLOAT SWITCH)	RETURN AIR PLENUM BOX							CEILING-		—TRANSITION					ENT IDENTIFICATION: PROVIDE ENGRAVED PL. EQUIPMENT MARKER, OR STENCILED SIGNS I ND OPERATIONAL DEVICES, FREE HAND LETT CONDENSERS AND SIMILAR MOTOR DRIVEN U		¢ c	FGA PROJE
	NOTE: Contractor shall install fouipment wi	RETURN DRAIN PAN W/ FLOAT SWITCE CONNECTION THE ADEQUATE SPACE FOR	CH			2" WIDE X 1/2" THICK(MIN) NEOPRENE GASKET UNDER AI METAL IN CONTACT WITH	LL			BACKDRAFT— DAMPER	FLEX C		RETURN GRILLE	E	NAME AND NUMBER AS F CU-1, HFX-1 FTC.), IF N	E 1" HEIGHT (MINIMUM) AS NEEDED FOR PR E EQUIPMENT IDENTIFICATION SIGNS SHALL IN PROVIDED ON THE CONTRACT DRAWINGS (IE: NOT IDENTIFIED BY THE MANUFACTURER, THE TO INDICATE THE LOCATION OF FILTER ACCE	AHU-1, CONTRACTOR		SEC PROJE
	SERVICE AND INSPECTION PER MANUFACTUR AIR HANDLING UN SCALE: NONE	RER RECOMMENDATIONS.			CONDENSING	PLATFORM. SUNIT MOUNTING				EXHAU scale: non	ST FAN DET	AIL F006						В	3-06
	-5																		$ \begin{array}{ccc} $
		O	O	0	0			0	<u> </u>					O	ME	ECHANICAL NOTES, DETAILS,	AND SCHEDULES	A1 N.T.S.	SHEET N
-100*	15	14	13	12	11	10		9	8	7		6		5	4	3	2	1	M

