

B

FRENCH DOUBLE DOOR W/ DOUBLE SIDELIGHT

HOLLOW METAL FRAME - DOOR GLAZING SHALL COMPLY WITH

FOR CATERGORY 2

CPSC 16 CFR, PART 1201 CRITERIA

HOLLOW METAL FRAME -

STAIN GRADE SOLID CORE

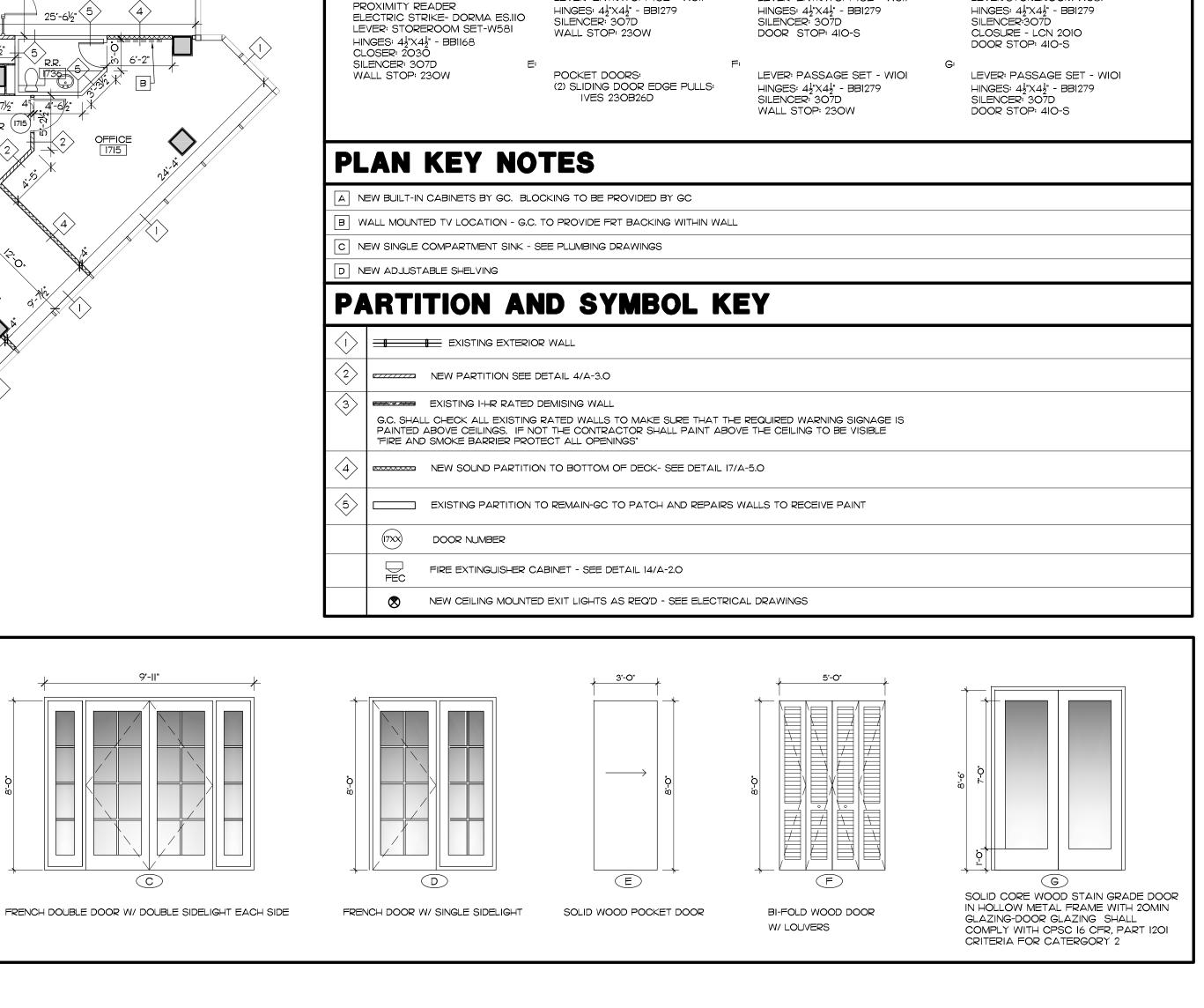
HOLLOW METAL FRAME WITH INTEGRATED

-DOOR AND SIDELITE GLAZING SHALL COMPLY

WITH CPSC 16 CFR, PART 1201 CRITERIA FOR

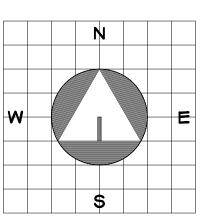
SIDELITE-VISION PANEL DOOR

CATERGORY 2



DOOR AND FRAME SCHEDULE



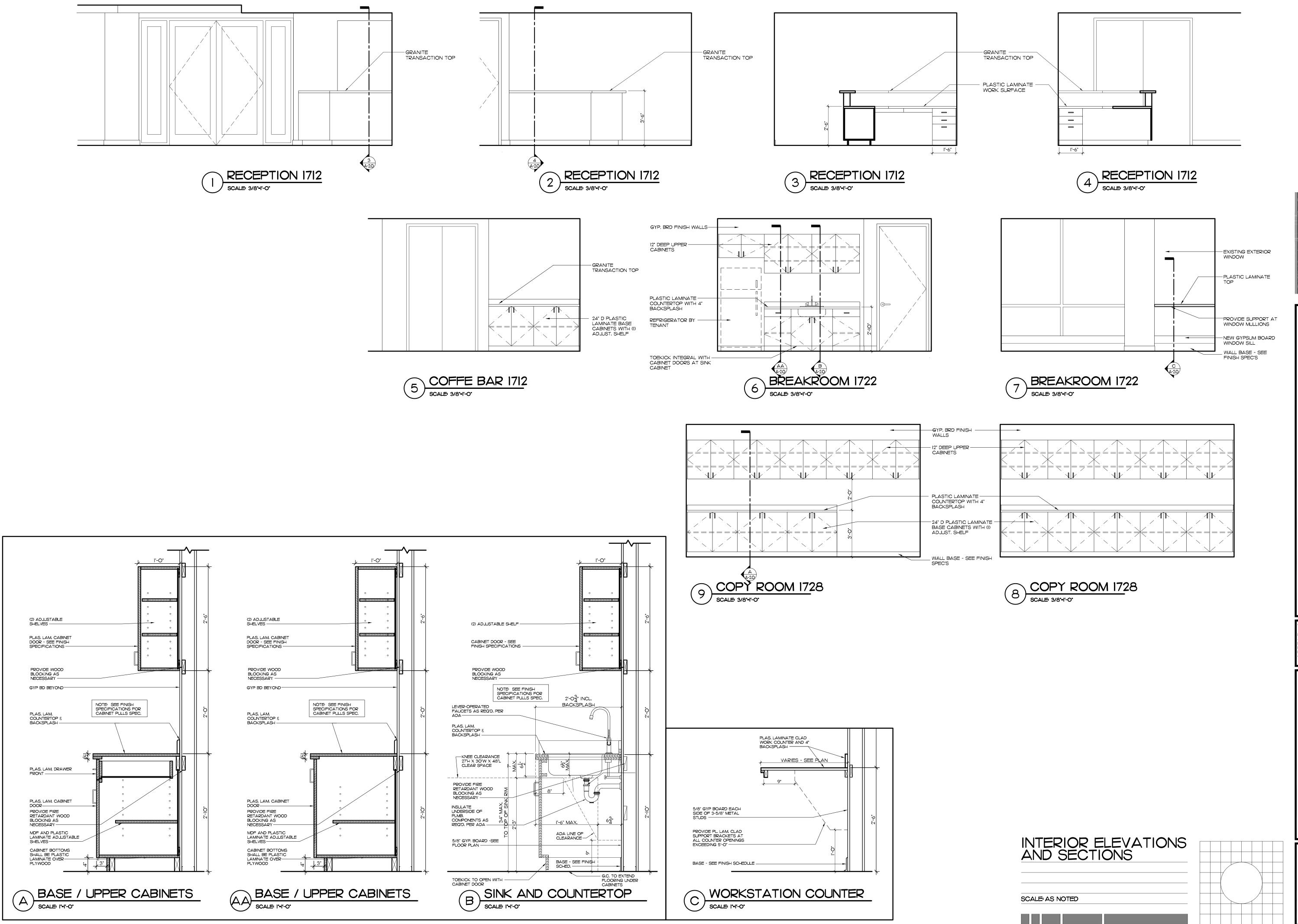


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PARTNERS

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EMENTS IMPROV

AT NORTHBRIDGE CENTI 515 N. FLAGLER DR., SUI WPB, FLORIDA TENANT NE NOWLEN, E

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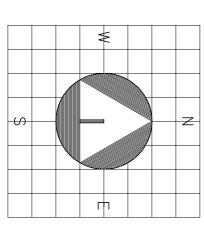
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CEILING IS COMMON PLENUM NO COMBUSTIBLE MATERIAL ALLOWED PERMIT SET CONTRACTOR TO COORDINATE LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE WIRING AND TELEPHONE/DATA/TV DEVICES WITH OWNER PRIOR TO CONSTRUCTION. SNONS 11/09/11 /28/11 LOW VOLTAGE NOTE ** PROVIDE 3/4"C WITH PULL WIRE. STUB ABOVE CEILING WITH A BOX.

NOTES: 1. ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT

2. ALL LIGHT SWITCHES AND RECEPTACLES SHALL BE STANDARD WHITE DECORA TYPE © 0.C. □ ⊖ ٧T **▶** ∃ ⊝ 110V RECEPTACLE
SWITCHED RECEPTACLE
QUAD-PLEX RECEPTACLE
WATER PROOF RECEPTACLE
GROUND FAULT CIRCUIT
INTERRUPTER THERMOSTAT
REMOTE ALARM TEST STATION TELEPHONE JACK ** FLOOR RECEPTACLE; FLUSH WITH FLOOR; PROVIDE BRASS COVER PLATE FLOOR RECEPTACLE & FLOOR TELE/DATA PORT; FLUSH WITH FLOOR; PROVIDE BRASS COVER PLATE TELE/FAX/DATA PORT ** IONE BOARD / CATV BOA 00R NITERCEPT AND EXTEND EXISTING FEEDER TO RELOCATED AC UNIT AND CONNECT FOR OPERATION IN SAME MANNER AS IN PREVIOUS LOCATION. NO ADDITIONAL LOAD ADDED.

PROVIDE JUNCTION BOX WITH DISCONNECT SWITCH FOR CONNECTION TO TANKLESS WATER HEATER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN. VERIFY ALL ELECTRICAL REQUIREMENTS OF OUTLETS, DATA DROPS. VOLTAGE, AMPS OF PHONE ROOM WITH OWNER.
 SINGLE GANG J-BOX FOR POWER CONNECTION TO MODULAR FURNITURE SYSTEM. COORDINATE ALL REQUIREMENTS WITH MFG SPECS DOUBLE GANG J-BOX FOR TELE/DATA CONNECTION TO MODULAR FURNITURE SYSTEM. COORDINATE ALL REQUIREMENTS WITH MFG SPECS. EXTEND (2)3/4" CONDUITS W/ PULL WIRE ABOVE CEILING WITH INSULATING BUSHING 6" FROM WALL (5) VERIFY MOUNTING HEIGHT OF RECEPTACLES AND TV OUTLET WITH OWNER PRIOR TO INSTALLATION. PLAN PROVIDE CEILING MOUNTED JUNCTION BOX FOR ELECTRICAL CONNECTION TO FUTURE PROJECTOR. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN. ATS \Re KEY NOTES FIRE RATING NOTE MOTOR RATED SWITCH
FACTORY INSTALLED PULL [# POLES FRAME SIZE (NEMA ENCLOSUR FUSE SIZE JUNCTION BOX FOR FURNITURE POWER EXHAUST FAN JUNCTION BOX FOR FURNITURE TELE/DATA FUSE DISCONNECT SWITCH CARD READER FIRE ALARM CONTROL PANEL AUTOMATIC TRANSFER SWITCH ELECTRICAL METER FIRE RATED WALLS SHALL BE PROVIDED WITH TACLE BOXES. (EQUAL TO WALL FIRE RATING VIICAL TIME CLOCK



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sheet title:17TH FLOOR PLAN file name:11421 E1.1.DWG

project no: **11421** 11/09/11 drawn by:CI/SK/AB checked by:

revisions: 1. 11/28/11 OWNER REV.

IMPROVEMENTS FOR: TENANT NH NOWLEN, HOLT & MINER, P.A. CERTIFIED PUBLIC ACCOUNTANTS

AT NORTHBRIDGE CENTER 515 N. FLAGLER DR., SUITE 1700 WPB, FLORIDA **GLIDDEN • SPINA & PARTNERS** ARCHITECTURE • INTERIOR DESIGN, INC.

PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gsp-architects.com 1401 FORUM WAY, SUITE 100 · WEST PALM BEACH, FLORIDA 33401 FL License: #AA26001602

Benjamin John Glidden, III #AR6536 Keith M. Spina #AR13419

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED. NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION.

PERMIT SET 0

REVISION SE

/28/11

RISE 1. ALL NEW ELECTRICAL SERVICE EQUIPMENT SHALL MATCH EXISTING A.I.C. RATING AND SHALL BE NEMA-1RATED IF LOCATED IN ELECTRICAL ROOM.

2. ALL ELECTRICAL EQUIPMENT AND WIRE SHALL BE RATED @ 75°C CONTINUOUS DUTY.

3. PRIOR TO CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL:

a) VERIFY ALL EXISTING CONDITIONS IN FIELD b) COORDINATE THE ELECTRICAL SERVICE WITH FP&L REPRESENTATIVE

c) NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO COMPLETE NEW CONSTRUCTION. FROM 364W 4000A, 277/480V BUILDING MAIN IN THE 1st FLOOR MAIN ELECTRICAL ROOM RNO ELECTRICAL SERVICE NOTE EXISTING 304W 277/480V ELECTRICAL SERVICE 3p 60A | 17TH FLOOR ELECTRICAL ROOM LEGEND 480V 15 KVA 7 120/208V EXISTING TO REMAIN NEW **EXISTING PARTIAL POWER RISER** 17TH FLOOR TENANT Z

EXISTING LOAD 3¢4W 59.9 ᇴ KVA ØC COND. 20.1 REMARKS & KEY NOTES:

① NOT USED
② EXISTING BRANCH CIRCUIT AND CIRCUIT
BREAKER TO REMAIN.
③ PROVIDE NEW CIRCUIT BREAKER AS INDICATED,
INSTALL IN EXISTING SPACE IN PANEL AND
CONNECT NEW BRANCH CIRCUIT FOR OPERATION.
④ REMOVE EXISTING SPARE BREAKER, PROVIDE
IN SPACE IN PANEL AND CONNECT NEW BRANCH
CIRCUIT FOR OPERATION.
⑤ PROVIDE "HACR" RATED CIRCUIT BREAKER POLE COND. 1/2" LIGHTING - OFFICES S.1700 ③
1/2" LIGHTING - OPEN OFFICE S.1700 ③
1/2" TANKLESS WATER HEATER ⑤ XISTING LOAD LOAD

LOAD CALCULATIONS PER NEC:
1st 10 KVA OF RECEPTACLES @ 10
REMAINDER OF RECEPTACLES @ 51
REMAINING LOADS @ 100%

2. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND INSTALLATION, INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCY BETWEEN THE DOCUMENTS AND THESE CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER THE CONTRACT HAS BEEN AWARDED. SCOPE OF WORK

OT TO SCALE

3. ELECTRICAL CONTRACTOR SHALL KEEP AS-BUILTS AND SUBMIT TO ENGINEER OF RECORD FOR REVIEW. ALL CHANGES SHALL BE FORWARDED A MINIMUM OF (2) WEEKS PRIOR TO FINAL INSPECTION. ANY EXPENSES, SUCH AS REVISIONS OR AS-BUILTS, NECESSARY FOR FINAL C.O. SHALL BE AT THE EXPENSE OF THE OWNER.

AIR CONDITIONING EQUIPMENT AND CONTROLS SPECIFICATION

ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONTROL RACEWAY (CONDUIT), WIRE INSTALLATION, CONNECTIONS ETC. IN ACCORDANCE WITH WIRING DIAGRAMS ON AIR EQUIPMENT.

A/C / ELECTRICAL PLANS OR DIAGRAMS FURNISHED BY MANUFACTURER OF THE EQUIPMENT ALL POWER WIRING FOR THE AIR CONDITIONING EQUIPMENT SHALL BE FURNISHED, INSTALLED AND CONNECTED UNDER THIS SECTION OF THE SPECIFICATION.

MECHANICAL CONTRACTOR SHALL PROVIDE MOTOR STARTERS FOR ALL AIR CONDITIONING EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONECTIONS TO AIR CONDITIONING EQUIPMENT PER MANUFACTURERS SPECIFICATIONS.

AIR CONDITIONING EQUIPMENT INCLUDES CONDENSOR, COMPRESSOR AND FAN, FAN COIL UNITS, ELECTRICAL STRIP HEATER, THERMOSTAT, ETC.

TENANT IMPROVEMENTS FOR:

. REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC BILITY OF PROPERTY DAMAGE FOR THE DURATION OF THE WORK. ICK ALL EQUIPMENT FOR PROPER VOLTAGE, PHASE, AND CURRENT BEFORE CONI CIRCUITS.

XICAL CONTRACTOR SHALL CHECK AND VERIFY EQUIPMENT FURNISHED AGAINST SPECIFIED OR INTENDED AND REVISE BRANCH CIRCUITS AS MAY BE REQUIRED WITH APPROVAL OF ENGINEER/ARCHITECT.

RRENT BEFORE CONNECTION

LL WORK SHALL BE PERFORMED BY A LICENCED ELECTRICAL CONTRACTOR IN A FIRST ASS WORKMANSHIP MANNER. THE COMPLETE SYSTEM SHALL BE FULLY OPERATIVE AND CCEPTANCE BY ENGINEER/ARCHITECT MUST BE A CONDITION OF THE SUBCONTRACTOR.

HE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF OWER, LIGHT COMPANY AND TELEPHONE COMPANY.

RCUITS SHOWN ON PLANS ARE TO DETERMINE LOAD DATA AND PANEL SIZE. THE ONTRACTOR SHALL PROVIDE CIRCUITS TO SUIT JOB CONDITIONS.

EE NOTES ON PLANS FOR OTHER REQUIREMENTS.

EEN NOTES ON PLANS FOR OTHER REQUIREMENTS.

ELECTED BY OWNER.

LL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH HE PROCESS OF CONSTRUCTION.

DRRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND PANEL INCLUDE REPLACEMENT OR REPAIR OF ANY PHASE OF THE INSTALLATION WHICH AY BE DAMAGED.

HE ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED ARTICLE 250, NATIONAL ELECTRICAL CODE. THE GROUNDING SYSTEM SHALL BE TESTED AND HALL MEASURE A MAXIMUM OF 5 OHMS. PROVIDE A COPY OF THE TEST REPORT TO ENGINEER.

ITLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED IBS IN WET LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS. SCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK MAKE, QUICK BREAK, THENCLOSURES AS REQUIRED BY EXPOSURE. PLANS DO NOT SHOW EVERY MINOR DETAIL OF RUCTION, THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR PLETE ELECTRICAL SYSTEM AND MEET ALL REQUIREMENTS NECESSARY FOR 1ENT TO BE PLACED IN PROPER WORKING ORDER.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2008 EDITION OF THE NATIONAL ELECTRICAL CODE, 2008 EDITION OF NFPA 70, 2005 EDITION OF NFPA 72, 2003 EDITION OF NFPA 75, 2006 EDITION OF NFPA 101, 2005 EDITION OF NFPA 101, AND 2007 EDITION OF FBC W/ 2009 SUPPLEMENT. DO NOT SCALE THE ELECTRICAL DRAWING. REFER TO THE ARCHITECTURAL PLAN AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFIRM WITH OWNERS REPRESENTATIVES.

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ELECTRICAL SPECIFICATIONS

ARCHITECTURE • INTERIOR DESIGN, INC. PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gsp-architects.com 1401 FORUM WAY, SUITE 100 · WEST PALM BEACH, FLORIDA 33401

> FL License: #AA26001602 Keith M. Spina #AR13419

project no: **11421** revisions: 11/09/11 drawn by:CI/SK/AB checked by:

sheet title: RISER AND SPECS

ile name:**11421 E1.1.DWG**

1. 11/28/11 OWNER REV.

NOWLEN, HOLT & MINER, P.A., CERTIFIED PUBLIC ACCOUNTANTS

30 CFM MECHANICAL CONTRACTOR TO COORDINATE ALL MECHANICAL ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE SPRINKLER WITH EXISTING CONDITIONS. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATION OF ALL DEVICES. 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATION OF ALL DEVICES. ALL FIRE DAMPERS AND FIRE SMOKE DAMPERS HALL BE INSTALLED PER MANUFACTURERS STRUCTIONS. REVISION SE PERMIT SET \bigcirc EXTEND EXISTING CWS AND CWR LINES TO LOCATIONS SHOWN. VERIFY EXACT LOCATION IN FIELD. NEW
EXISTING TO REMAIN
EXISTING TO BE DEMOLISH
EXISTING TO BE RELOCATED
EXISTING TO BE REPLACED

[X] DN SUPPLY DUCT (UP & DOWN)

[X] DN RETURN DUCT (UP & DOWN)

[X] DN EXHAUST DUCT (UP & DOWN)

[X] DN O/A DUCT (UP & DOWN) 4W - DIFFUSER

2W - DIFFUSER

TRANSITION

MANUAL VOLUME DAY

(M.V.D.)

FIRE DAMPER

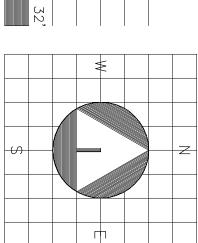
(F.D.)

THERMOSTAT DIFFUSER TYPE CFM NUTOMATED VOLUME DAMPER LEGEND

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED.

THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED.

NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION.



sheet title: MECHANICAL PLAN file na<u>me:11421 M1.1(2).DWG</u>

project no: 11421 11/09/11 drawn by:**CI/SK/AB** checked by:

revisions: 1. 11/28/11 OWNER REV

TENANT IMPROVEMENTS FOR: NH NOWLEN, HOLT & MINER, P.A., CERTIFIED PUBLIC ACCOUNTANTS

AT NORTHBRIDGE CENTER 515 N. FLAGLER DR., SUITE 1700 WPB, FLORIDA



PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gsp-architects.com 1401 FORUM WAY, SUITE 100 · WEST PALM BEACH, FLORIDA 33401 FL License: #AA26001602

Keith M. Spina #AR13419 Benjamin John Glidden, III #AR6536 PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED.

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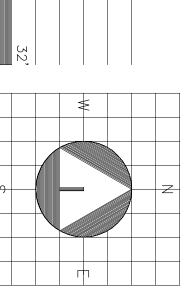
NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

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11/09/11 MECHANICAI DATA & SP

> title:MECHANICAL DATA & SPECS name:11421 M1.1(2).DWG project no: 11421 revisions: 1. 11/28/11 OWNER REV 11/09/11

TO SPINA & PARTNERS, II

NOWLEN, HOLT & MINER, P.A. CERTIFIED PUBLIC ACCOUNTANTS AT NORTHBRIDGE CENTER

515 N. FLAGLER DR., SUITE 1700 WPB, FLORIDA

A/C EQUIPMENT NOTES:

1) VERIFY ALL A/C ELECTRICAL REQUIREMENTS WITH MANUFACTURERS SPEC. PRIOR TO INSTALLAT
2) PROVIDE R-410A REFRIGERANT
3) PROVIDE PRO-1 T-705 THERMOSTATS FOR ALL HEAT PUMPS (REPLACE EXISTING T-STATS FOR OUTLAND ARE TO REMAIN IF NOT SPECIFIED THERMOSTAT). T-STATS TO BE MOUNTED 42"A.F.F.
4) PROVIDE HOSE KITS WITH "MEMORY STOP" BALL VALVES AND FIRE RATED HOSES (SS BRAIDED)
5) PROVIDE SMOKE DUCT DETECTORS WITHIN 5" OF THE UNITS.
6) PROVIDE HIGH AND LOW PRESSURE SWITCHES, FREEZESTAT AND TVX VALVE EXISTING V/P/Hz MFG. MODEL NO. FOR ALL HEAT PUMPS (REPLACE EXISTING T-STATS FOR THERMOSTAT). T-STATS TO BE MOUNTED 42"A.F.F. EM028 HORIZ. EM041 HORIZ. EM060 HORIZ. EM042 HORIZ. TOTAL 38,500 EXIS WATER DNIT SOURCE WSHP HEAT PUMP ELECTRICAL EXISTING EXISTING 3) ALL UNITS , COORDINATE V 80 150 DATA DATA 15.0/EXIST. 9.0/EXIST. PM/P.D. (FT) EXISTING EXISTING EXISTING ER. EER/COP) ALL EQUIPMENT POWER WIRING BY ELECTRICAL Y WORK AND PURCHASING. ALARM SYSTEM AND HAVE GLOBAL SHUT DOWN. 85 85 85 85 95 95 95 EXISTING EXISTING CWS & CWR . SHUT DOWN. 3/4" ⇒ NOTES: 1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING CODE MECHANICAL 2007 2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT. NOTES:

1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING CODE MECHANICAL 2007

2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT. OFFICE

NET OCCUPIED OCCUPANCY DENSITY ESTIMATED ACTUAL
AREA PER 1000 SQFT OCCUPANCY OCCUPANCY

OUTSIDE AIR SCHEDULE

рег

ASHRAE

62.1-2004

20 + 42 = 62

80

OCCUPANCY DENSITY ESTIMATED ACTUAL
PER 1000 SQFT OCCUPANCY OCCUPANCY

OUTSIDE AIR SCHEDULE per ASHRAE 62.1-2004

EXISTING WATER SOURCE

HEAT

PUMP DATA

OCCUPANCY DENSITY ESTIMATED ACTUAL
PER 1000 SQFT OCCUPANCY OCCUPANCY

VENTILATION RATE CFM PER PERSON + SQFT

185

FHP.

OUTSIDE AIR SCHEDULE

per ASHRAE 62.1-2004

AIR

CONDITIONING

	[•				P.E.		 ~		
	CODE MECHANICAL 2007 2) ACTUAL OCCUPANCY	<u>NOTES:</u> 1) OCCUPANT DEN	STORAGE	CORRIDOR	OFFICE	SPACE		2) ACTUAL OCCUF	NOTES: NOTES: NOTES:	NOTES
	PANCY IS BASED	SITIES & VENTIL,	177	395	975	NET OCCUPIED AREA		ANCY IS BASED	SITIES & VENTIL/	
0ر	ON EITHER SEATING ARF	ATION RATES ARE BASE	-	-	5	OCCUPANCY DENSITY PER 1000 SQFT	00	ON EITHER SEATING ARF	ATION RATES ARE BASE	-
JTSIDE A	RANGEMENT OR	D ON ASHRAE S	-	-	5	ESTIMATED OCCUPANCY	JTSIDE A	RANGEMENT OR	D ON ASHRAE S	
IR SCHEC	INFORMATION PI	TANDARD 62.1,	-	-	ı	ACTUAL OCCUPANCY	IR SCHEE	INFORMATION PI	TANDARD 62.1,	
OUTSIDE AIR SCHEDULE per ASHRAE 62.1-2004	CODE MECHANICAL 2007 2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	NOTES: 1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION	0.12	0.06	5 + 0.06	VENTILATION RATE CFM PER PERSON + SQFT	OUTSIDE AIR SCHEDULE per ASHRAE 62.1-2004	2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	<u>NUTES:</u> 1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION CODE MECHANICAL 2007	
-2004		T, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING	22	24	25 + 59 = 84	VENTILATION REQUIRED	-2004		I, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING	
		BUILDING		130		VENTILATION PROVIDED			BUILDING	
				FHP-4		NOTES				

NOTES: 1) OCCUPANT DENSITIES CODE MECHANICAL 2007 2) ACTUAL OCCUPANCY	BREAK ROOM	OFFICE	SPACE		
ISITIES & VENTIL <i>A</i> L 2007 PANCY IS BASED (150	710	NET OCCUPIED AREA		
ATION RATES ARE BASEI ON EITHER SEATING ARR	30	5	NET OCCUPIED OCCUPANCY DENSITY AREA PER 1000 SQFT	UO	
) ON ASHRAE S ANGEMENT OR I	5	4	OCCUPANCY OCCUPANCY	TSIDE A	
TANDARD 62.1, ; NFORMATION PF	ı	ı	ACTUAL OCCUPANCY	IR SCHED	
<u>NOTES:</u> 1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING CODE MECHANICAL 2007 2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	7.5 + 0.18	5 + 0.06	VENTILATION RATE CFM PER PERSON + SQFT	OUTSIDE AIR SCHEDULE per ASHRAE 62.	
N 403, SUBSECTION 403.4 OF FLORIDA I	38 + 27 = 65	20 + 43 = 63	VENTILATION REQUIRED	62.1-2004	
BUILDING	- C	1 2 0	VENTILATION PROVIDED		
	=======================================	П Б Д	NOTES		

EXHAUST CEILING 0.B.D. TITUS MODEL NO: PAR UNLESS OTHERWISE NOTED	NOT USED NOT USED CEILING TITUS MODEL NO: TMSA-AA 12"x 12"	SUPPLY CEILING - TITUS MODEL NO: TMSA-AA NECK SIZE TO MATCH FLEX SIZE NOT USED	SYSTEM LOCATION ACCESSORIES MANUFACTURE MODEL DESCRIPTION	AIR TERMINAL SCHEDULE (TITUS)	ENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING CAL 2007 CUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	150 30 5 - 7.5 + 0.18 38 + 27 = 65
12" × 12" UNLESS OTHERWISE NOTED 24" × 24"	12"× 12"	24" x 24" ZE TO MATCH FLEX SIZE	DESCRIPTION		DING	

28. AIR HANDLING DEVICES IN EXCESS OF 2000 CFM WILL HAVE A DUCT SMOKE DETECTOR TO STOP THE FAN AND ACTIVATE A HORN AND STROBE LIGHT. ALL EQUIPMENT SHALL BE INTERLOCKED AS REQUIRED BY LOCAL CODES OR FIRE SAFETY OFFICIALS.

50

SERVICE

В

➣

7 Y IS BASED ON	EITHER SEATING ARR,	ANGEMENT OR I	NFORMATION PR	7 Y IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	7 Y IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	
	U0	TSIDE A	IR SCHED	OUTSIDE AIR SCHEDULE per ASHRAE 62.1-2004	2.1-2004	
T OCCUPIED (OCCUPANCY DENSITY PER 1000 SQFT	ESTIMATED OCCUPANCY	ACTUAL OCCUPANCY	VENTILATION RATE CFM PER PERSON + SQFT	VENTILATION REQUIRED	D VENTILATION NOTES
710	5	4	ı	5 + 0.06	20 + 43 = 63	
150	30	5	-	7.5 + 0.18	38 + 27 = 65	130
S & VENTILAT 7 Y IS BASED ON	ION RATES ARE BASED	ON ASHRAE S	TANDARD 62.1, 2 NFORMATION PR	S & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 7 Y IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.	N 403, SUBSECTION	403.4 OF FLORIDA BUILDING
		AIR	TERMINA	AIR TERMINAL SCHEDULE (TITUS)	3)	
SYSTEM	LOCATION		ACCESSORIES	MANUFACTURE	MODEL	DESCRIPTION
SUPPLY	CEILING		1	SUIII	MODEL NO: TMSA-AA	24" × 24" NECK SIZE TO MATCH FLEX SIZE
NOT USED						
NOT USED						
YJAANS	CEILING		1	SUIII	MODEL NO: TMSA-AA	12"× 12"
EXHAUST	CEILING		0.B.D.	SUTIT	MODEL NO: PAR	12" × 12" UNLESS OTHERWISE NOTED
RETURN	CEILING		0.B.D.	TITUS	MODEL NO: PAR	24" × 24" UNLESS OTHERWISE NOTED

PER 2007 FBC CH. 13, SECTION 409.1.ABC.3.3:
PROVIDE MOTORIZED SHUTOFF CONTROL DAMPERS ON RTU'S/AHU'S WITH CFM'S IN EXCESS OF 300 CFM. GRADAMPERS ARE SUFFICIENT FOR LESS THAN 300 CFM OF OUTSIDE AIR.

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METAL WITH MINIMUM R-6 EXTERIOR FOILBAC ALL DUCTS SHALL BE SUPPORTED IN AS STR INSTALLATION SHALL BE INSTALLED IN ACCO	FHP-5	130	20 + 43 = 63	5 + 0.06 7 5 + 0.18	1 1
 TERMINAL AIR DISTRIBUTION DEVICES SHALL ALL VOLUME DAMPERS SHALL BE OPPOSED ALL SUPPLY AND RETURN FIBERGLASS AIR I 	NOTES	VENTILATION PROVIDED	VENTILATION REQUIRED	VENTILATION RATE CFM PER PERSON + SQFT	ACTUAL CCUPANCY
21. UNLESS NOTED AS EXISTING, ALL EQUIPMEN			2004	SCHEDULE per ASHRAE 62.1-2004	SCHEC
20. ALL EXHAUST AND OUTSIDE AIR DUCTS SHA ASHRAF SMACNA AND LOCAL CODES. ALL O					
19. THE AIR CONDITIONING CONTRACTOR SHALL EQUIPMENT, EXCEPT FOR EXHAUST HOODS.				ORMATION PROVIDED BY OWNER AND OR ARCHITECT.	ORMATION PI
E. EQUIPMENT AND MATERIALS		BUILDING	+03, SUBSECTION 403.4 OF FLORIDA	NDARD 62:1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403:4 OF FLORIDA BUILDING	NDARD 62.1,
18. ALL WORK SHALL BE COORDINATED WITH OT GRILLES, REGISTERS, PIPING, EQUIPMENT, ETO			22	0.12	ı
17. THE AIR CONDITIONING CONTRACTOR SHALL	FHP-4	130	24	0.06	1
16. THE AIR CONDITIONING CONTRACTOR SHALL UINDICATED, VOLUME CONTROLS IN ALL BRANC			25 + 59 = 84	5 + 0.06	ı
15. THE AIR CONDITIONING CONTRACTOR SHALL N FOR A MINIMUM OF 140 MPH WIND LOADS. WIN	NOTES	VENTILATION PROVIDED	VENTILATION REQUIRED	VENTILATION RATE CFM PER PERSON + SQFT	ACTUAL ICCUPANCY
14. LOCATION OF AIR CONDITIONING DUCTS AND TO INSTALLATION. DRAWINGS ARE DIAGRAM REGISTERS, PIPING, EQUIPMENT, ETC. SEE ARC			.2004	SCHEDULE per ASHRAE 62.1-2004	SCHEC

21. UNLESS NOTED AS EXISTING, ALL EQUIPMENT, PIPING,	22. TERMINAL AIR DISTRIBUTION DEVICES SHALL BE TITUS	I VOLLIME D'AMBERS SHALL BE OBBOSE	LE VOLUME DAMFERS SHALL BE OFFOSE	23. ALL SUPPLY AND RETURN FIBERGLASS AIR DUCTWORK METAL WITH MINIMUM R-6 EXTERIOR FOILBACK INSULA
ISTING, ALL EQUIPMENT, PIF	BUTION DEVICES SHALL BE TI		ALL VOLUME DAMPERS SHALL BE OPPOSED BLADE T	R-6 EXTERIOR FOILBACK INSUI

PT FOR EXHAUST HOODS.
ND OUTSIDE AIR DUCTS SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH 1, AND LOCAL CODES. ALL OUTSIDE AIR DUCTS SHALL HAVE 1" INSULATION IN AIR CONDITIONED SPACES.
1S EXISTING, ALL EQUIPMENT, PIPING, DUCTS, REGISTERS, ETC., SHALL BE NEW.
ISTRIBUTION DEVICES SHALL BE TITUS, METALAIRE OR NAILOR-HART OR EQUAL AS SCHEDULED: AMPERS SHALL BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
D RETURN FIBERGLASS AIR DUCTWORK SHALL BE JOHNS MANVILLE FIBERGLASS (1.5" THICK). TYPE 475 OR 800 OR

אואט בערה בי אבר סטו אודר אוד טטכן א אואבר ווא עבר וואסטבא ווטוא ווא אוד בטואטו ווטאבט אדאבבא.
EXISTING, ALL EQUIPMENT, PIPING, DUCTS, REGISTERS, ETC., SHALL BE NEW.
RIBUTION DEVICES SHALL BE TITUS, METALAIRE OR NAILOR-HART OR EQUAL AS SCHEDULED: IPERS SHALL BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
RETURN FIBERGLASS AIR DUCTWORK SHALL BE JOHNS MANVILLE FIBERGLASS (1.5" THICK). TYPE 475 OR 800 OR SHEET R-6 EXTERIOR FOILBACK INSULATION. UNLESS OTHERWISE NOTED ON PLANS BY SPAPORTED IN AS STRAIGHT AND LOCK AS FASHION AS POSSIBLE. THE ENTIRE LOCK OF THE RESEARCH AND LOC

SHALL PROVIDE ALL CONTACTORS, STARTERS, RELAYS, AND NNECTS, POWER WIRING AND CONTROL WIRING.

IMPROVEMENTS FOR:

DUAL CODES. ALL OUTSIDE AIR DUCTS SHALL HAVE 1" INSULATION IN AIR CONDITIONED SPACES.
NG, ALL EQUIPMENT, PIPING, DUCTS, REGISTERS, ETC., SHALL BE NEW.
ION DEVICES SHALL BE TITUS, METALAIRE OR NAILOR-HART OR EQUAL AS SCHEDULED: SHALL BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
N FIBERGLASS AIR DUCTWORK SHALL BE JOHNS MANVILLE FIBERGLASS (1.5" THICK). TYPE 475 OR 800 OR SHEET EXTERIOR FOILBACK INSULATION. UNLESS OTHERWISE NOTED ON PLANS
PORTED IN AS STRAIGHT AND LEVEL AS FASHION AS POSSIBLE. THE ENTIRE NSTALLED IN ACCORDANCE WITH ASHRAE, SMACNA, AND LOCAL CODES.
THE ASSET OF MOTINGTALLIC OF ASSET OF A STATE OF ASSET OF

TOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL FANS, A/C UNITS, OR MECHANICAL ST HOODS.
DUCTS SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ODES. ALL OUTSIDE AIR DUCTS SHALL HAVE 1" INSULATION IN AIR CONDITIONED SPACES.
L EQUIPMENT, PIPING, DUCTS, REGISTERS, ETC., SHALL BE NEW.
VICES SHALL BE TITUS, METALAIRE OR NAILOR-HART OR EQUAL AS SCHEDULED: BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
SGLASS AIR DUCTWORK SHALL BE JOHNS MANVILLE FIBERGLASS (1.5" THICK). TYPE 475 OR 800 OR SHEET NOTED ON PLANS TO MAKE STANGULT AND LEVEL AS EACHORN AS POSSIBLE THE ENTER
DIN AS STRAIGHT AND LEVEL AS EASHION AS DOSSIBLE THE ENTIRE

E AIR CONDITIONING CONTRACTOR SHALL MOUNT ALL ROOFTOP EQUIPMENT ON FACTORY FABRICATED CURBS AND ANCHORS ? A MINIMUM OF 140 MPH WIND LOADS. WIND LOADS AT MOUNTING HEIGHTS SHALL BE AS REQUIRED BY LOCAL CODES.
E AIR CONDITIONING CONTRACTOR SHALL USE VANED ELBOWS OR APPROVED 3 PIECE ELBOWS, SPLITTER DAMPERS WHERE ICATED, VOLUME CONTROLS IN ALL BRANCH LINES AND SUPPLY AND RETURN AIR DEVICES.
E AIR CONDITIONING CONTRACTOR SHALL SEAL ALL DUCTS IN AN APPROVED MANNER TO INSURE AGAINST LEAKAGE.
L WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID ANY CONFLICTS IN LOCATIONS FOR DUCTS, DIFFUSERS, LLES, REGISTERS, PIPING, EQUIPMENT, ETC., INORDER TO NOT INTERFERE WITH THE PROGRESS OF CONSTRUCTION.
JIPMENT AND MATERIALS
E AIR CONDITIONING CONTRACTOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL FANS, A/C UNITS, OR MECHANICAL JIPMENT, EXCEPT FOR EXHAUST HOODS.

D AIR DEVICES MAY CHANGE. VERIFY EXACT LOCATION WITH ARCHITECT/ENGINEER PRIOR AMMATIC, DO NOT SCALE FOR THE EXACT LOCATION OF DUCTS, DIFFUSERS, GRILLES, ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR DEVICES.
L MOUNT ALL ROOFTOP EQUIPMENT ON FACTORY FABRICATED CURBS AND ANCHORS WIND LOADS AT MOUNTING HEIGHTS SHALL BE AS REQUIRED BY LOCAL CODES.
L USE VANED ELBOWS OR APPROVED 3 PIECE ELBOWS, SPLITTER DAMPERS WHERE

D. INSTALLATION	13. COMBUSTIBLE PIPING IS NOT PERMITTED IN RETUI	12. INTERIOR CONDENSATE DRAIN PIPING AND REFRIC	11. THE AIR CONDITIONING CONTRACTOR SHALL RUN	10. ALL REFRIGERANT PIPING SHALL BE TYPE "L" OF STEEL VALVES ARE NOT PERMITTED.	C. PIPING
	13. COMBUSTIBLE PIPING IS NOT PERMITTED IN RETURN AIR PLENUMS OR CEILING SPACES USED FOR RETURN AIR.	12. INTERIOR CONDENSATE DRAIN PIPING AND REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH 5/8" THICK IMCOLOCK OR ARMAFLEX.	11. THE AIR CONDITIONING CONTRACTOR SHALL RUN ALL CONDENSATE DRAINS PER PLUMBING SPECIFICATIONS. (SEE PLUMBING SHEETS)	10. ALL REFRIGERANT PIPING SHALL BE TYPE "L" OR TYPE "K" COPPER WITH WROUGHT COPPER OR BRASS FITTINGS. STEEL VALVES ARE NOT PERMITTED.	

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CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.	THE AIR CONDITIONING CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR TO ORIGINAL CONDITION ANY AND ALL DAMAGES TO BUILDING SURFACES, EQUIPMENT, AND FURNISHINGS CAUSED BY THE CONTRACTOR DURING THE PERFORMANCE OF WORK.	ALL WORK SHALL BE PERFORMED BY A LICENSED AIR CONDITIONING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER: ALL WORK- MANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES AND ORDINANCES.	WORKMANSHIP	AFTER BID SELECTION AND PRIOR TO COMMENCEMENT OF WORK, THE AIR CONDITIONING CONTRACTOR SHALL SUBMIT (6 COPIES) OF EQUIPMENT CUTS FOR ALL DUCT WORK, EXHAUST FANS, AIR DEVICES, AND EQUIPMENT AS STATED ON SCHEDULES AND OR NOTES. IF THE CONTRACTOR PROPOSES TO USE ANY ARTICLE, DEVICE, PRODUCT, OR MATERIAL WHICH IS NOT AS SPECIFIED, THE CONTRACTOR SPACE.	CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, TESTS, AND ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.	IT SHALL BE THE RESPONSIBILITY OF THE AIR CONDITIONING CONTRACTOR TO PROVIDE ALL LABOR, MATERIALS, AND SUPERVISION NECESSARY TO ACCOMPLISH THE WORK SHOWN AND/OR NOTED ON THE DRAWINGS. THE DRAWINGS ARE DIAGRAMMATIC: DO NOT SCALE FOR EXACT LOCATIONS. THE AIR CONDITIONING CONTRACTOR SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS AS REQUIRED TO PROVIDE A COMPLETE AND FULLY OPERATIVE SYSTEM. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR SHALL NOTIFY ENGINEER IF DUCT SIZE CHANGES ARE REQUIRED BECAUSE OF EXISTING CONDITIONS.	IT SHALL BE THE RESPONSIBILITY OF THE AIR CONDITIONING CONTRACTOR FOR THE ADVANCED ORDERING OF LONG LEAD ITEMS SO THAT DELIVERY WILL NOT INTERFERE WITH THE PRODUCTION OF OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.	THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY AND ALL EXISTING FIELD CONDITIONS WHICH DEVIATE FROM WHAT WAS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE TO PROVIDE PRICING FOR A COMPLETE INSTALLATION INCLUDING ANY COSTS ASSOCIATED WITH FIELD CONDITIONS AT THE TIME OF BIDDING.	AIR CONDITIONING CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND VERIFY ALL CONDITIONS, LOCATIONS, DIMENSIONS, MATERIALS, ELEVATIONS AND COUNTS AS SHOWN AND/OR NOTED ON THE DRAWINGS AND INCLUDE IN THE BID ANY AND ALL FABRICATION REQUIRED PRIOR TO INSTALLATION. THE CONTRACTOR SHALL VERIFY SIZE, ELEVATION, AND PRESENT STATE OF ALL

GLIDDEN • SPINA & PARTNERS

• FAX: 561.684.5594 • E-MAIL: info@gsp-architects.com 1401 FORUM WAY, SUITE 100 · WEST PALM BEACH, FLORIDA 33401 FL License: #AA26001602 Benjamin John Glidden, III #AR6536

Keith M. Spina #AR13419

drawn by:CI/SK/AB checked by:

. SALVAGED MATERIALS, EQUIPMENT, AND DIFFUSERS SHALL BE DELIVERED TO THE OWNER AT HIS PROPERTY AND STORED WITHIN THE BUILDING WHERE DIRECTED. ANY REMOVED MATERIALS OR EQUIPMENT WHICH THE OWNER DOES NOT WISH TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR, WITHOUT ADDITIONAL COST TO THE OWNER.

ALL PRESENT DUCTWORK AND PIPING IN EXISTING AREAS TO BE ALTERED, WHICH WILL HAVE NO USE UPON COMPLETION OF THE ALTERATIONS SHALL BE REMOVED. WHENEVER DUCTS OR PIPING ARE OR WILL BECOME EXPOSED TO VIEW, THE CONTRACTOR SHALL MMEDIATELY NOTIFY THE ENGINEER,

PRIOR TO INSTALLATION, THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL EQUIPMENT WITH THE OWNER'S REPRESENTATIVE AND THE ACTUAL EQUIPMENT BEING FURNISHED.

IF THE NATURE OF THIS CONTRACT INVOLVES EXTENSIVE REMODELING OF THE EXISTING BUILDING. THE AIR CONDITIONING CONTRACTO PRIOR TO BID, SHALL INSPECT THE EXISTING CONDITIONS AT THE JOB SITE AND ACQUAINT HIMSELF WITH THE CONDITIONS THAT WILL AFFECT HIS WORK.

THE AIR CONDITIONING CONTRACTOR SHALL DETERMINE THE EXTENT TO WHICH EXISTING DUCTWORK AND PIPING WILL HAVE TO BE RE-ROUTED, RELOCATED, OR RECONNECTED, AND THE AMOUNT OF ADDITIONAL WORK WHICH MAY BE REQUIRED DUE TO THE PHYSICAL CONDITIONS OF THE DUCTWORK & PIPING SHALL BE PERFORMED UNDER THIS CONTRACT WITHOUT ADDITIONAL CHARGES TO THE OWNER

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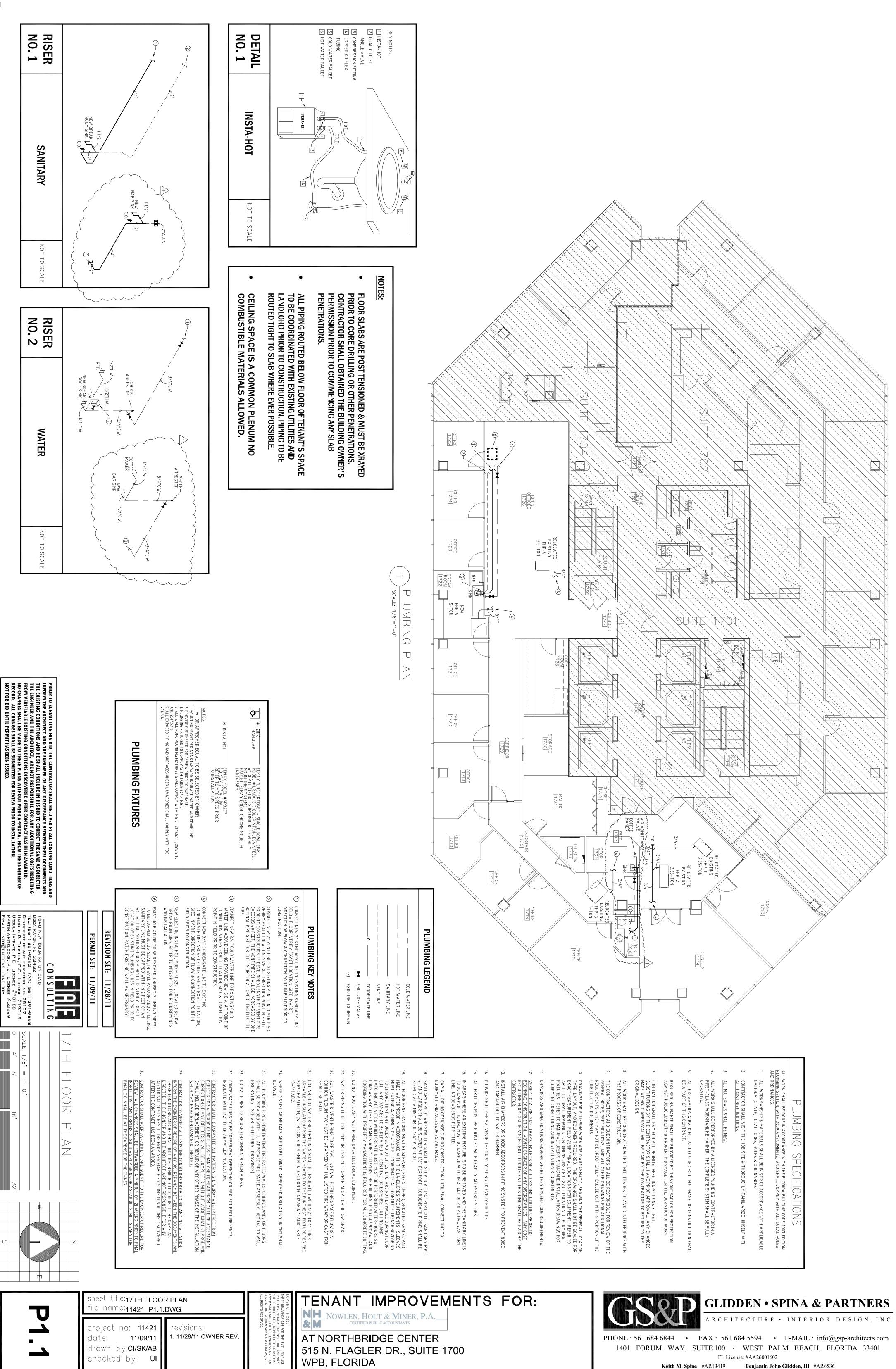
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4"Ø SHEET METAL DUCT. x SEE PLANS FOR TERMINATION.

THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT PER FBC 2007, CH 13, 410.1.ABCD.4
FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHU'S AND FANS FOR ALL PROJECTS.
THE T & B REPORT SHALL BE IN ACCORDANCE WITH AIR BALANCE
COUNCIL STANDARDS AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLES, RETURN GRILLES, AND EXHAUST GRILLES AND THE AND ENTERING AIR TEMP (°F) FROM SUPPLY GRILLES AND EVAPORATORS. IF THE OWNER EXPERIENCES UNCOMFORTABLE CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF AIR FLOW TO WITHIN PLUS OR MINUS 10% FROM AIR QUANTITIES STATED ON THE PLAN.

AIR CONDITIONING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP TO BE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM DATE OF ACCEPTANCE, AND ALL GUARANTEES AND WARRANTIES SHALL BE DELIVERED TO THE OWNER. COMPRESSORS SHALL HAVE EXTENDED FIVE YEAR WARRANTIES.



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Benjamin John Glidden, III #AR6536 Keith M. Spina #AR13419