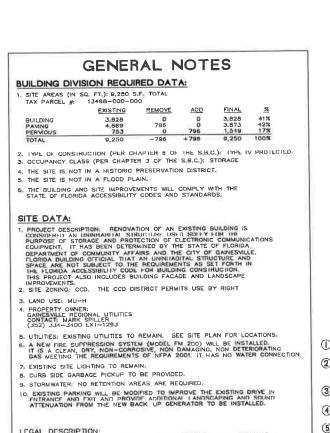
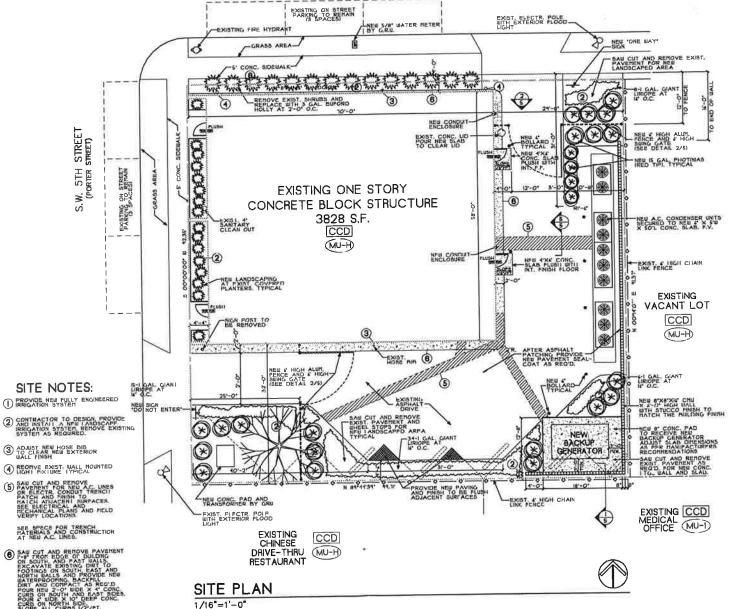
GAINESVILLE REGIONAL UTILITIES

RENOVATION TO EXISTING BUILDING FOR THE NEW DOWNTOWN ELECTRICAL SUBSTATION RADIO EQUIPMENT BUILDING

301/305 SOUTH WEST 5TH AVENUE GAINESVILLE, ALACHUA COUNTY, FLORIDA





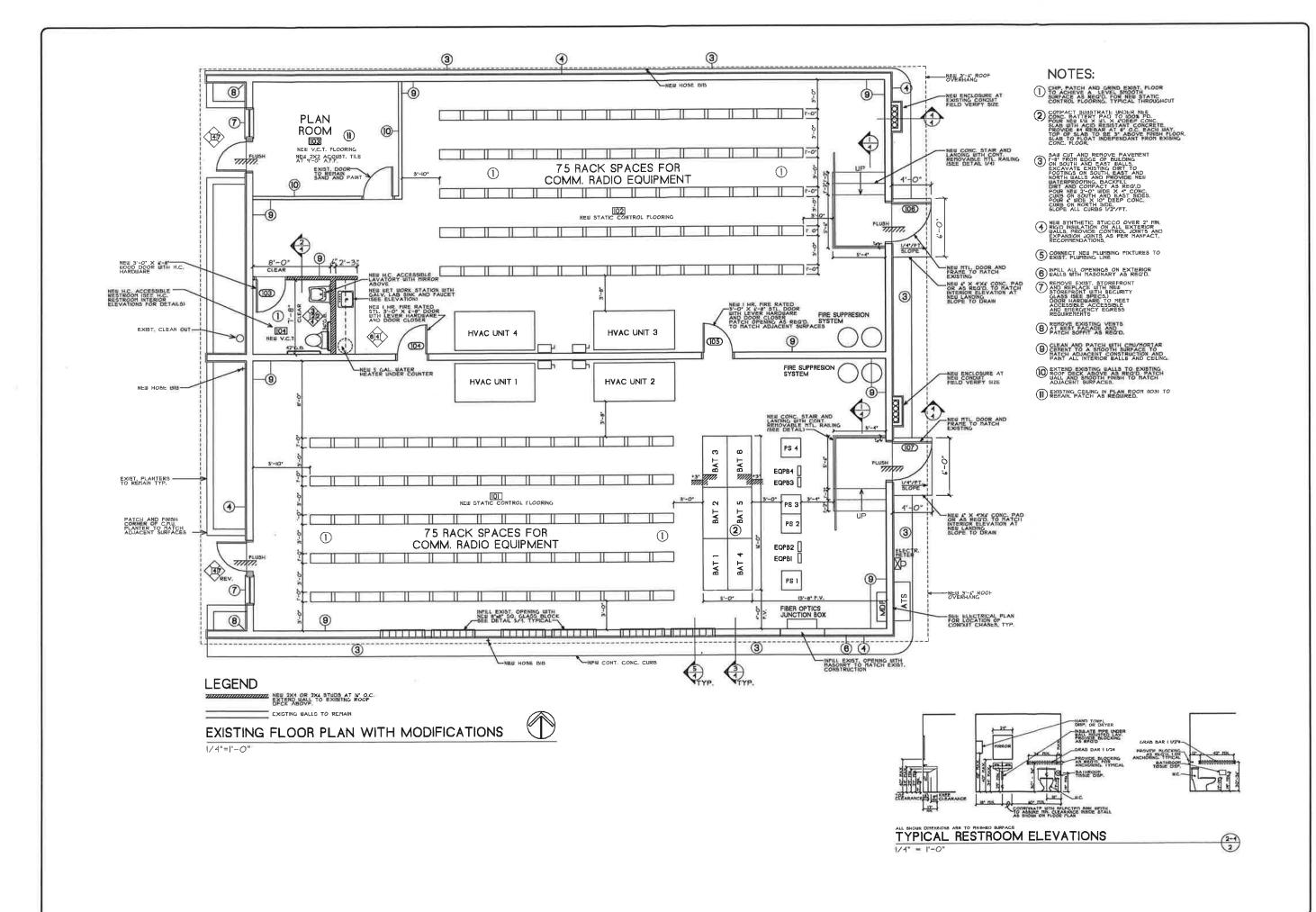
INDEX OF DRAWINGS

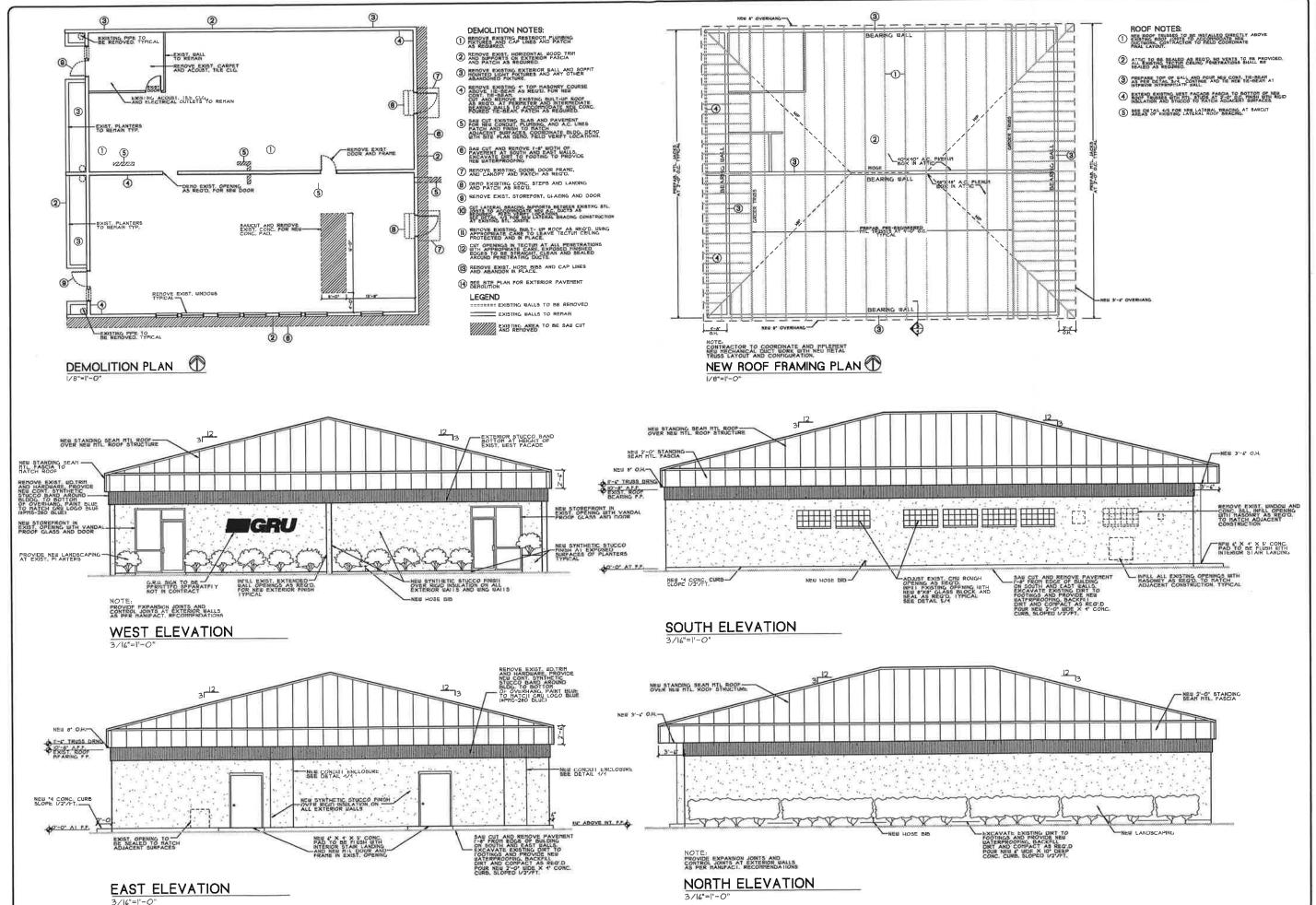
- SITE/LANDSCAPE PLAN GENERAL NOTES
- EXISTING FLOOR PLAN WITH MODIFICATIONS INTERIOR RESTROOM ELEVATIONS
- DEMOLITION PLAN ROOF FRAMING PLAN BUILDING ELEVATIONS
- BUILDING CONSTRUCTION DETAILS WORKSTATION ELEVATION
- SITE CONSTRUCTION DETAILS PLUMBING PLAN PLUMBING RISER DIAGRAM

LANDSCAPE SCHEDULE

	COMMON NAME	NAME.	QUANTITY	SIZE
	EAST PALATKA	IIEX X ATTENUATED	Ĭ	25 GAL.
\otimes	RED TIP	PHOTENIA	24	3 GAL
EW.	BUFORD HOLLY		28	3 GAL,
****	BUFORD HOLLY		14	I GAL.
\bigcirc	GIANT LIRIOPE	II EX VOMITORIA NANA	11	I GAL
NOTES				





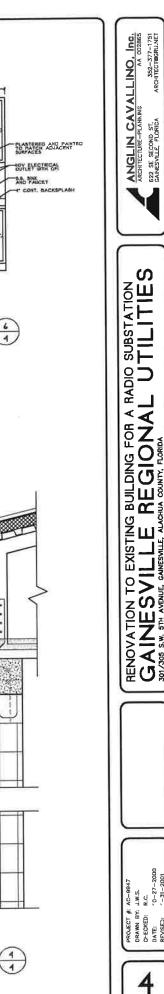


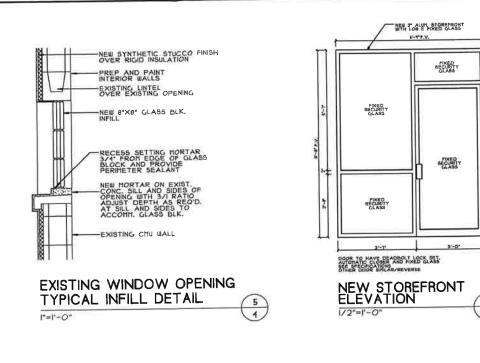
ANGLIN CAVALLINO, Inc.
ARCHTECTURE-PLANING
ARCHTECTURE-PLANING
ARCHTECTURE-PLANING
GANESALLE, FLORICA
ARCHTECTURETURGRUNET

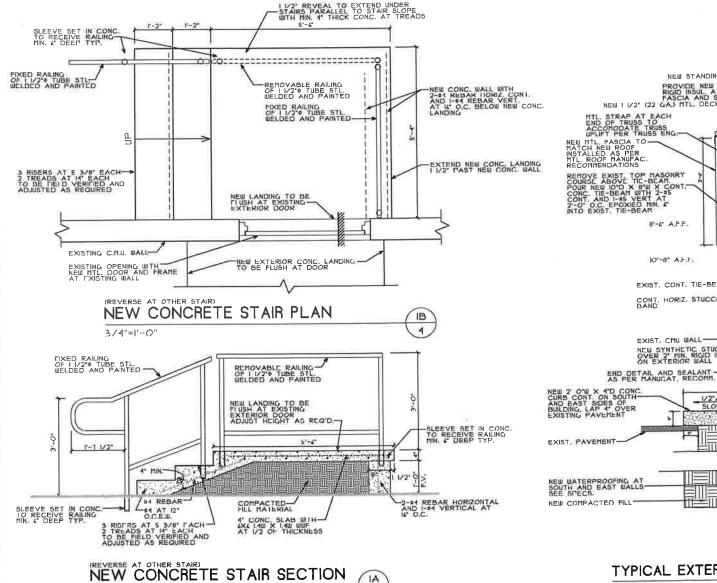
GAINESVILLE REGIONAL UTILITIES

PROJECT #: AC-9947
C-ECKED: R.C.
C-ECKED: R.C.
C-ECKED: A.C.
C-27-2000
REVISED: '-31-2001

3







PROVIDE LATERAL BRACING

1/2" GYP. BD. PLASTERED AND PAINTED (BOTH SIDES)

P.T. 2X1 BOTTOM PLATE CONT.
SECURE TO SLAB WITH
2" LONG POUBER ACT. FASTENER
AT 2"-0" O.C. TYPICAL
CONT. BASE TYPICAL

-2X4 WD. TOP PLATE

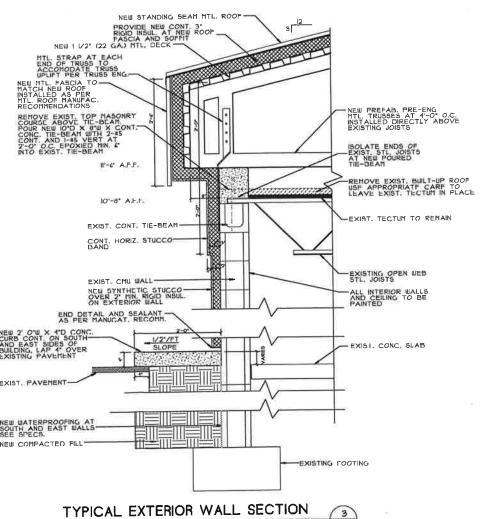
PEXIST. CONC. SLAB

TYPICAL INTERIOR NONBEARING WALL SECTION 2

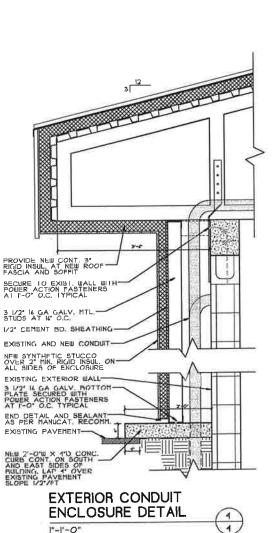
3/4"=1'-0"

3/4"-1'-0"

-EXIST. ROOF STRUCTURE ABOVE



1"=1"-0"

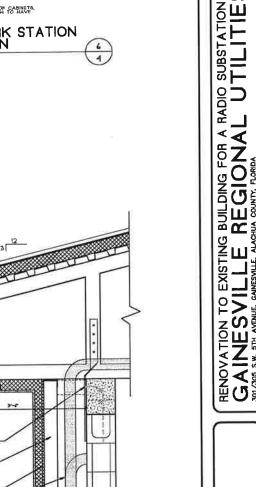


LASE BESTER

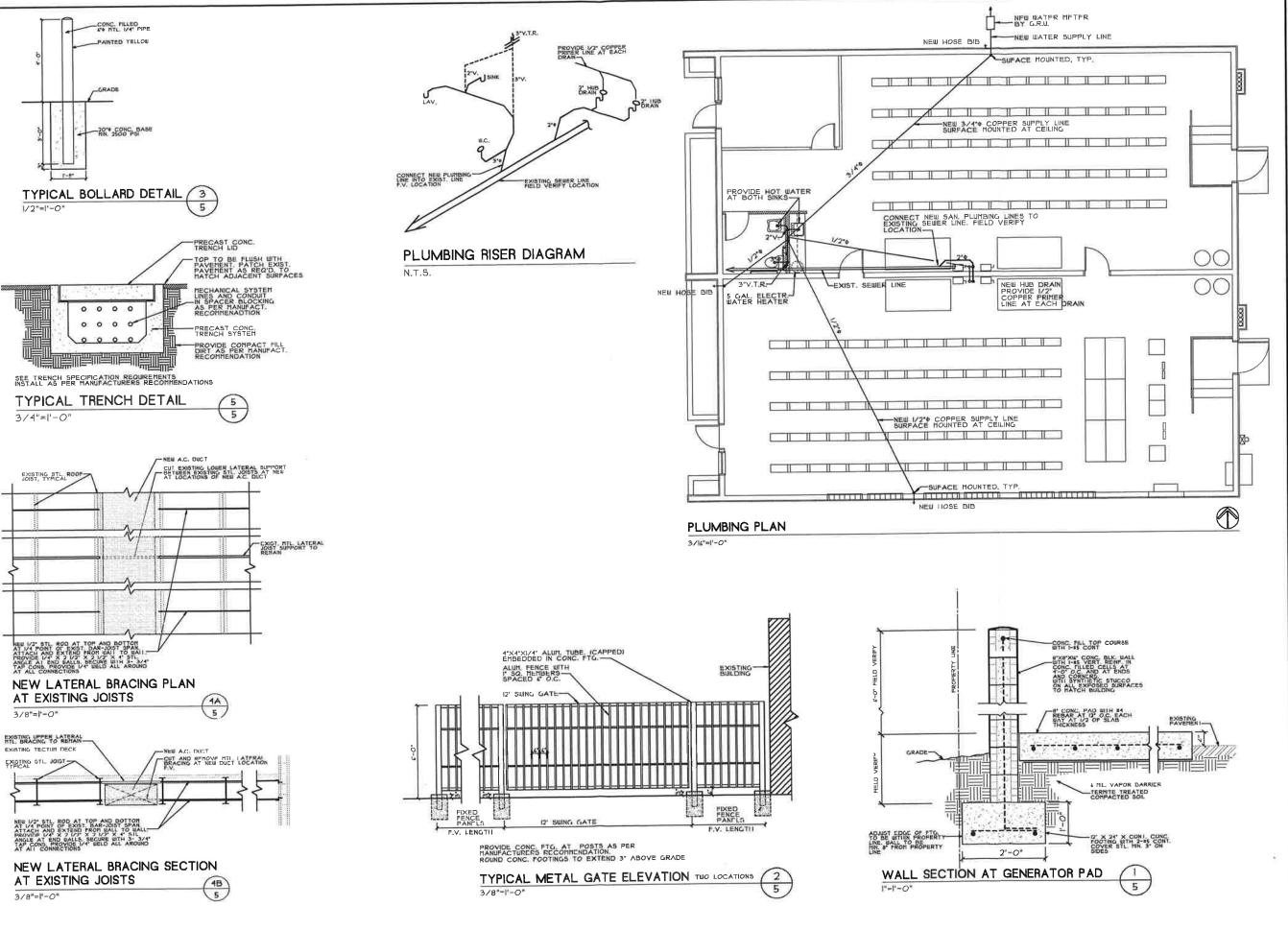
1/2"=1'-0"

ALL EXPOSED SURFACES OF CABINETS, COUNTER AND BACKSPLASH TO HAVE

NEW WORK STATION ELEVATION

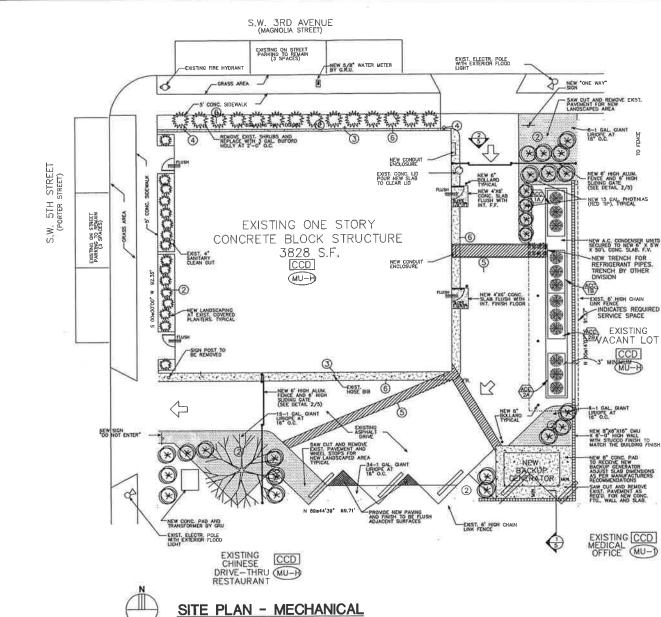






1) ACCESSORIES: FOR BOTH UNITS:

(2) CONTRACTOR TO VERIFY REFRIGERANT PIPE LENGTH, SIZES AND REQUIRED TRAP AS PER MANUFACTURERS RECOMMENDATIONS.



				EXHA	UST FA	N SCHE	DULE						
FAN	TYPE	AIR QUANTITY CFM	STATIC PRESSURE IN H20	SPEED RPM	MOTOR HP	ELEC. CHAR. (V-ø)	MANUF	MODEL NUMBER	SONES	REN	MARK	s	
EF-1	CEILING CENTRIFUGAL	120	0.25	1365	77WATTS	120-1	соок	GC~320	3,3	0000	6	8	0
	1		-								_		

2 PROVIDE SOFFIT VENT

⑤ PROVIDE ROOF CURB⑥ THERMAL OVERLOAD⑦ BELT DRIVE (4) PROVIDE BACKDRAFT DAMPER

(1) DIRECT DRIVE (2) PROVIDE SPEED CONTROLLER (3) ENGERIZED BY ROOM LIGHT SWITCH

MECHANICAL ABBREVIATIONS

ALERING AIR TEMPERATURE LICTRIC DUCT HEATER XHAUST FAN XHAUST GRILLE

OF WATER, GAUGE

PER HOUR PER MINUTE

DIAMETER CHES OF WATER, GAUGE ILOWATTS LOWATT HOUR LOWATT HOUR LAVING AIR TEMPERATURE

INEAR DIFFUSER OW PRESSURE STEAM AVING WATER TEMPERATURE

USANDS OF BTU'S USANDS OF CUBIC FEET ORIZED DAMPER

TO SCALE TO SCALE TOOR AIR LOUVER ENTER TOE DIAMETER

SURE DS PER SQUARE INCH

MAUST HOOD XHAUST REGISTER XTERNAL STATIC PRESSURE MIERING WATER TEMPERATURE

TOTAL STATIC PRESCRIPTION TYPICAL UNDERCUT DOOR - 3/4" UNIT HEATER VOLTS

VARIABLE AIR VOLUME
VARIABLE FREQUENCY DRIVE
VENTURI FLOW METER
VARIABLE VOLUME UNIT

ABBREVIATIONS CONT.

MECHANICAL LEGEND

DUCTWORK W/ EXTERNAL INSULATION RADIUSED DUCT ELBOW

DUCT ELBOW W/ TURNING VANES RECTANGULAR DUCT TAKEOFF

FLEXIBLE DUCT CONNECTION (S)

SMOKE DETECTOR THERMOSTAT

BALANCING DAMPER W/ACCESS PANEL IN CEILING

ARTHUR L CAMPBELL I PE - 0013153

ICM

INGLEY, CAMPBELL, MOSES & ASSOCIATES, INC. CONSULTING ENGINEERS

FL UC, ES - 0003907 2208 NW 40TH TERRACE, SUITE A . GAINESYILLE, FLORIDA 32605 . PHONE (352) 372-1911

GAINESVILLE REGIONAL UTILITIES ELECTRICAL ENGINEERING 301 S.E. 4th. AVE. GAINESVILLE, FLORIDA 32602

(904) 334-3400 EXT. 1515

MANUFACTURER

MODEL NUMBER ELECTRICAL CHAR. (V-Ø)

NO. OF FANS FULL LOAD AMPS

AMBIENT TEMPERATURE

HOT GAS LINE SIZE (IN)

LIQUID LINE SIZE (IN)



AIR COOLED CONDENSER SCHEDULE

LIEBERT

208-30

128 TOTAL

(2) 1-1/8

(2) 7/8

95/80

LIEBERT

208-3¢

B.8 TOTAL

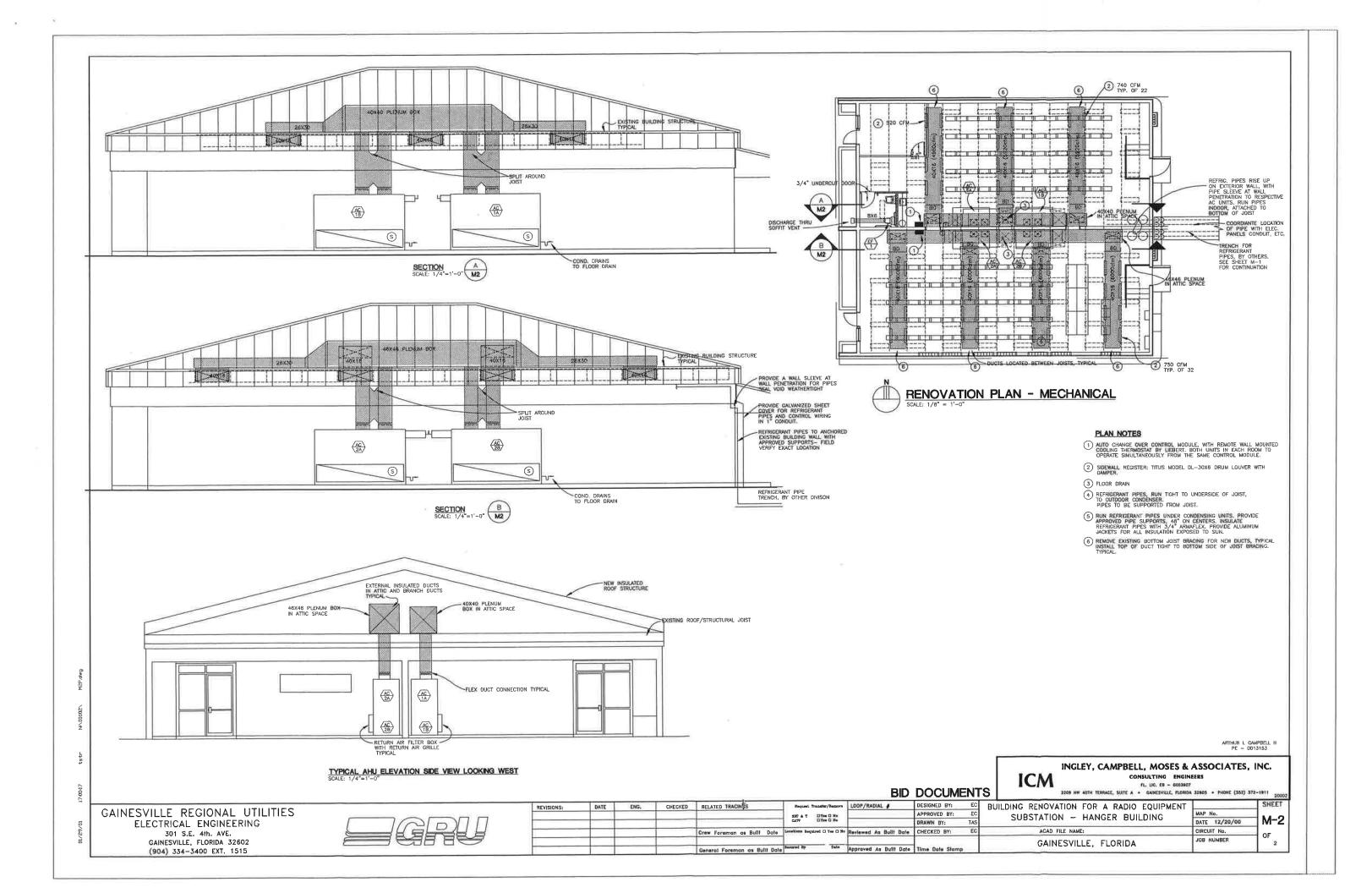
(2) 1-1/8

(2) 7/8

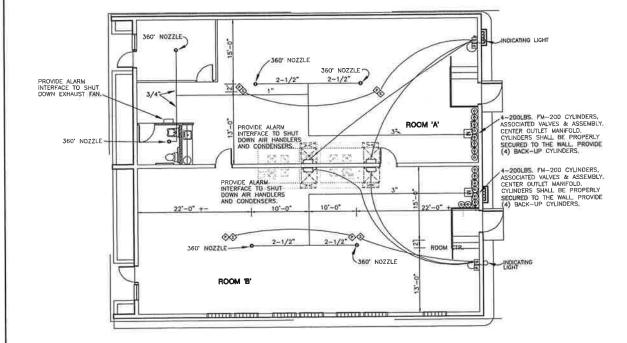
95/80

REVISIONS:	DATE	ENG.	CHECKED	RELATED TRACINGS	Request	Transfer/Seniors	LOOP/RADIAL	DESIGNED BY:	EC	BUILDING RENOVATION FOR A RADIO EQUIPMENT		SHEET
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					CALA	DYes D No		DRAWN BY:	TAS	SUBSTATION - HANGER BUILDING	DATE 12/20/00	M-1
				Crew Foreman as Bullt Date	Locations Beq	putred Yes No	Reviewed As Built Date	CHECKED BY:	EC	ACAD FILE NAME:	CIRCUIT No.	1 05
										GAINESVILLE, FLORIDA	JOB NUMBER	OF
				General Foreman as Bullt Date	Securad By	Dale	Approved As Built Date	Time Date Stamp		GAINESVILLE, FLORIDA		2

BID DOCUMENTS



TYPICAL DIAGRAM FOR AREA FIRE SUPPRESSION SYSTEM



FIRE ALARM & SUPPRESSION SYSTEM ELECTRICAL SPECIFICATIONS AND NOTES

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE FIRE SUPPRESSION SYSTEM AS INDICATED WITHIN THESE DRAWINGS.
- ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES AND WITH MANUFACTURERS RECOMMENDATIONS. ALL WORK, MATERIALS AND EQUIPMENT SHALL COMPLY WITH THE MINTOWAL ELECTRICAL CODE 1986 EDITION, AND NPTA 2001.72 AND 2001.
- ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT, FIRST CLASS, WORKMANLIKE MANNER, TO THE APPROVAL OF THE OWNER, ENGINEER AND GOVERNING AUTHORITIES.
- GUARANTEES AND SERVICE: IN ADDITION TO THE MANUFACTURERS STANDARD GUARANTEES,
 THE CONTRACTOR SHALL GUARANTEE ALL MARRIALS, EQUIPMENT AND WORKWANSHIP AGAINST
 DEFECTS FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE, AND SHALL CORRECT ANY DEFECTS
 AT NO ADDITIONAL COST TO THE OWNER.

CONDUIT SHALL BE INSTALLED AS NOTED. IF NOT SPECIFICALLY ADDRESSED THE FOLLOWING SHALL APPLY: (A) PROVIDE ORS (GALVANZED RIGID STEEL) IN HAZARDOUS LOCATIONS, I.E.; ON EXTERIOR OF BUILDING. (B) PROVIDE BY (ELECTRICAL METALLIC TUBING) ON WALLS. PROVIDE FITTINGS AS MANUFACTURED FOR CONDUIT USED.

PROVIDE COPPER CONDUCTORS WITH DUAL RATED THWN-THHN TYPE INSULATION.

- OUTLET BOXES: CONTRACTOR SHALL INSTALL BOXES BEST SUITED TO LOCATION AND TYPE OF CONSTRUCTION. BOXES SHALL BE RIGIDLY INSTALLED TRUE AND PLUMB.

- CIRCUIT BREAKERS SHALL BE MOLDED CASE FULLY RATED CIRCUIT BREAKERS. NO SERIES-RATED DEVICES MOUNTED IN EXISTING PANELBOARDS.
- 12. ALL FIELD CIRCUITS SHALL BE FREE OF GROUND FAULTS AND SHORT CIRCUITS.
- 13. POWER SHALL BE SUPPLIED TO CONTROL UNIT FROM A SEPARATE DEDICATED SOURCE THAT WILL NOT BE SHUT DOWN ON SYSTEM OPERATION.
- THE DETECTORS SHALL BE INSTALLED IN A PROFESSIONAL MANNER AND IN ACCORDANCE WITH TECHNICAL DATA REGARDING THEIR INSTALLATION.
- MANUAL PULL STATION SHALL BE PROPERLY INSTALLED, READILY ACCESSIBLE, ACCURATELY IDENTIFIED, AND PROPERLY PROTECTED TO PREVENT DAMAGE.
- MANUAL PULL STATIONS USED TO RELEASE AGENTS SHALL REQUIRE TWO SEPARATE AND DISTINCT ACTIONS FOR OPERATION.
- PAINT PIPING RED, PROVIDE RUST PROOF PRIMER AND TWO COATS OF RED EPOXY PAINT, ALTERNATELY WRAP PIPE WITH RED VINYL TAPE.
- COORDINATE PIPING AND NOZZLE LOCATIONS WITH OTHER TRADES, PRIOR TO INSTALLING AN EQUIPMENT PIPING OR APPARATUSES. FIRE PROTECTION NOZZLE LOCATIONS MAY TAKE PRECEDENCE OVER OTHER TIEMS.

DESIGN CRITERIA ROOM 'A' OR 'B'

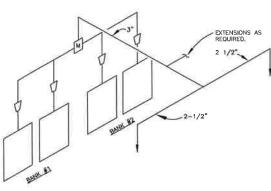
MINIMUM DESIGN CONCENTRATION 7.00% 70°F MINIMUM ENCLOSURE TEMPERATURE 22,135 CU FT VOLUME OF THE ROOM (64'-7.5" LENGTH, 30'-0" WIDTH, 11'-5" HEIGHT) 755 LBS

AGENT REQUIRED

[22,135 CU FT x .0341

[FROM TABLE 3-5.1.J-NFPA2001)]

FM-200 CONTAINER SIZE FILL BOTTLES FOR AGENT REQUIRED TO SERVE SPACE.



ROOM 'A' OR 'B' RISER DIAGRAM

NOTE:
PIPE SIZES AS SHOWN IS BASED ON PYROTRONICS PRE-ENGINEERED DATA
SHEETS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH CALCULATIONS
FOR THE AUTHORITY HAVING JURISDICTION APPROVAL BEFORE INSTALLATION.

FIRE ALARM & SUPPRESSION SYSTEM ELECTRICAL LEGEND

- FIRE CONTROL PANEL WITH PULL STATION AND ABORT SWITCH MOUNTED ON PANEL (FENWALL #2320 OR APPROVED EQUAL).

RENOVATION PLAN - FIRE SUPPRESSION



BID DOCUMENTS

SHEET

OF

INGLEY, CAMPBELL, MOSES & ASSOCIATES, INC. CONSULTING ENGINEERS

FL. LIC. EB - 0003907 2209 NW 40TH TERRACE, SUITE A . GAINESVILLE, FLORIDA 32605 . PHONE (352) 372-1911

GAINESVILLE REGIONAL UTILITIES ELECTRICAL ENGINEERING

301 S.E. 4th. AVE. GAINESVILLE, FLORIDA 32602 (904) 334-3400 EXT. 1515



REVISIONS:	DATE	ENG.	CHECKED	RELATED TRACINGS	Request Transfer/Remove	LOOP/RADIAL #	DESIGNED BY: CMS	E
HE HOTOLOGY			153333		EUT & T DYes D No		APPROVED BY: ALC	
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	_			Crew Foreman as Built Date	Locations Sequired D Yes D No.	Reviewed As Built Dale	CHECKED BY: SS	
					1		5/17/2000 2:17PM	
				General Foreman as Bullt Date	Secured By Date	Approved As Bullt Date	Time Dale Stamp	丄

BUILDING RENOVATION FOR A RADIO EQUIPMENT SUBSTATION - HANGER BUILDING DATE 12/20/00 ACAD FILE NAME: JOB NUMBER GAINESVILLE, FLORIDA 20002

ELECTRICAL SITE PLAN

SCALE: 1" = 10'-0"

ELECTRICAL NOTES

- 1. WHERE TWO SWITCHES ARE REQUIRED TO CONTROL THE LEVEL OF LIGHTING, ALTERNATE FIXTURES IN THE SAME ROW SHALL BE SWITCHED.
- 2. COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, FIXTURES, ETC. WITH ARCHITECTURAL PLANS, ELEVATIONS AND REFLECTED CEILING PLANS, PRIOR TO ROUGH—IN WORK, DO NOT SCALE ELECTRICAL DRAWINGS.
- 3. INSTALL FIXTURES SUCH THAT LAMPS ARE PARALLEL IN SAME VISUAL AREA.
- 4. THERE SHALL BE NO WALL OUTLETS INSTALLED BACK TO BACK, OFFSET TWELVE INCHES MINIMUM.
- 5 ALL WIRE SHALL BE COPPER.
- PROVIDE AN INSULATED GROUNDING CONDUCTOR IN ALL FEEDER AND BRANCH CIRCUITS.
- 7 NOT USE
- 8. REMOVE ALL UNUSED EXISTING EXPOSED CONDUIT, WIRE AND BOXES. PULL OUT ALL WIRE FROM EXISTING CONCEASED CONDUIT THAT HAS BEEN ABANDONED.
- DRAWINGS INDICATE THE REUSE OF SOME EXISTING OUTLET BOXES AND CONDUIT, WHERE IT IS IMPRACTICA
 BECAUSE OF JOB CONDITIONS TO REUSE AN OUTLET BOX OR CONDUIT, CONTRACTOR SHALL PROVIDE NEW
 OUTLET BOX OR CONDUIT AS REGUIEFD.
- O. CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION TO OWNER'S SATISFACTION ANY EXISTING WALL, FLOOR, CHILING OR OTHER EXISTING ITEMS REMOVED. ALTERED OR DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REPOUTE EXISTING CIRCUIT(S) OR PROVIDE NEW CIRCUIT(S) AS REQUIRED TO MAINTAIN ELECTRICAL SUPPLY TO EXISTING FIXTURES, DEVICES, OUTLETS, ETC. NOT BEING REMOVED OR ALTERED.
- 12. DIVISION 18 DESIGN PROVIDES A NUMBER OF BRANCH CIRCUITS, PHASES, AMPACITY AND OVERCURRENT PROTECTION FOR DIVISION 15 DESIGN BASIS EQUIPMENT CONFORMING TO MANUFACTURER'S SPECIFICATIONS AVAILABLE AT TIME OF DESIGN. IF REQUIREMENTS OF EQUIPMENT ACTUALLY PROVIDED UNDER CONTRACT FOR CONSTRUCTION ARE DIFFERENT, CONTRACTOR SHALL MAKE ALL CHANGES REQUIRED WITHOUT INCREASE IN THE CONTRACT ADMINIT SUCH CHANGES MAY INCLUDE, BUT ARE NOT LIMITED TO: SIZE OF CONDUIT, NUMBER, TYPE AND SIZE OF CIRCUIT BREAKERS, FUSE PROTECTION AND ADDITIONAL DISCONNECT SWITCHES.
- CONTRACTOR SHALL PROVIDE ADDITIONAL JUNCTION BOXES, CONDUCTORS AND OTHER MATERIALS AND LABOR NECESSARY TO CONNECT PARALLEL FEEDER RUNS WHERE SUCH FEEDERS EXCEED CONNECTION CAPACITY OF CIRCUIT BREAKESS, PAUR-BIGARDS AND OTHER CONNECTION POINT.
- 14. FYIT SIGNS SHALL REMAIN ON CONTINUOUSLY AND SHALL NOT BE SWITCH
- 15. ALL RECEPTACLES IN TOLLET ROOMS, OUTSIDE AND WITHIN 6"-0" OF A SINK SHALL BE A GROUND FAULT INTERRUPTER (GF) RECEPTACLE: CONTRACTOR SHALL NOT USE GROUND FAULT CIRCUIT BREAKERS AND SHALL NOT FEED THROUGH A GROUND FAULT INTERRUPTER RECEPTACLE TO SERVE OTHER RECEPTACLES.
- 6. ELECTRICAL CONTRACTOR SHALL PROVIDE ADEQUATE AND PROPER SUPPORT FOR ALL ELECTRICAL OUTLETS, DEVICES, LIGHT FIXTURES, ETC. BUILT IN OR MOUNTED ON CELINGS. NO QUITET BOX, DEVEL LIGHT FIXTURE, ETC. SPALL BE SUPPORTED FROM ANY ACQUISTICAL CELING TILE OR DRYWALL CELINGS. PROVIDE FIXTURE, ETC. SPALL BE SUPPORTED FROM ANY ACQUISTICAL CELING TILE OR DRYWALL CELINGS. PROVIDE TRANSPORTED FROM STRUCTURE ADMINISTRATION.
- 17. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WALL AND FLOOR OUTLET LOCATIONS WITH LOCATIONS
- 18. ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. LOCATED OUTDOORS SHALL BE WEATHERPROOF.
- REFER TO ARCHITECTURAL DRAWINGS FOR PHASING OF CONSTRUCTION, TEMPORARY AND PERMANENT FENCES AND ALL CONCRETE WORK.

8

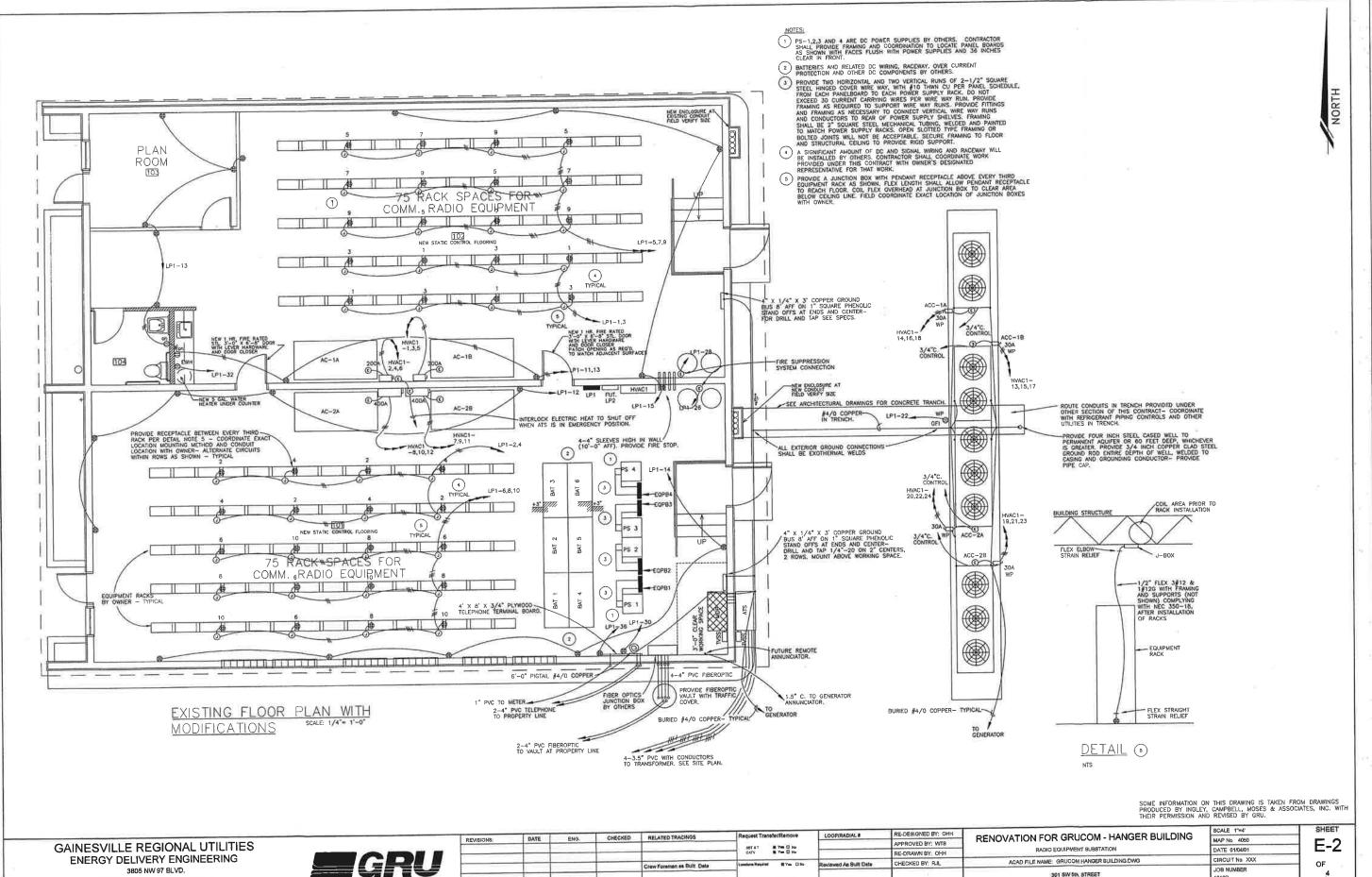
SOME INFORMATION ON THIS DRAWING IS TAKEN FROM DRAWINGS PRODUCED BY INCLEY, CAMPBELL, MOSES & ASSOCIATES, INC. WITH THEIR PERMISSION AND REVISED BY GRU,

GAINESVILLE REGIONAL UTILITIES ENERGY DELIVERY ENGINEERING

3805 NW 97 BLVD. GAINESVILLE, FLORIDA 32614-7117 (352) 334-3600 EXT. 6068



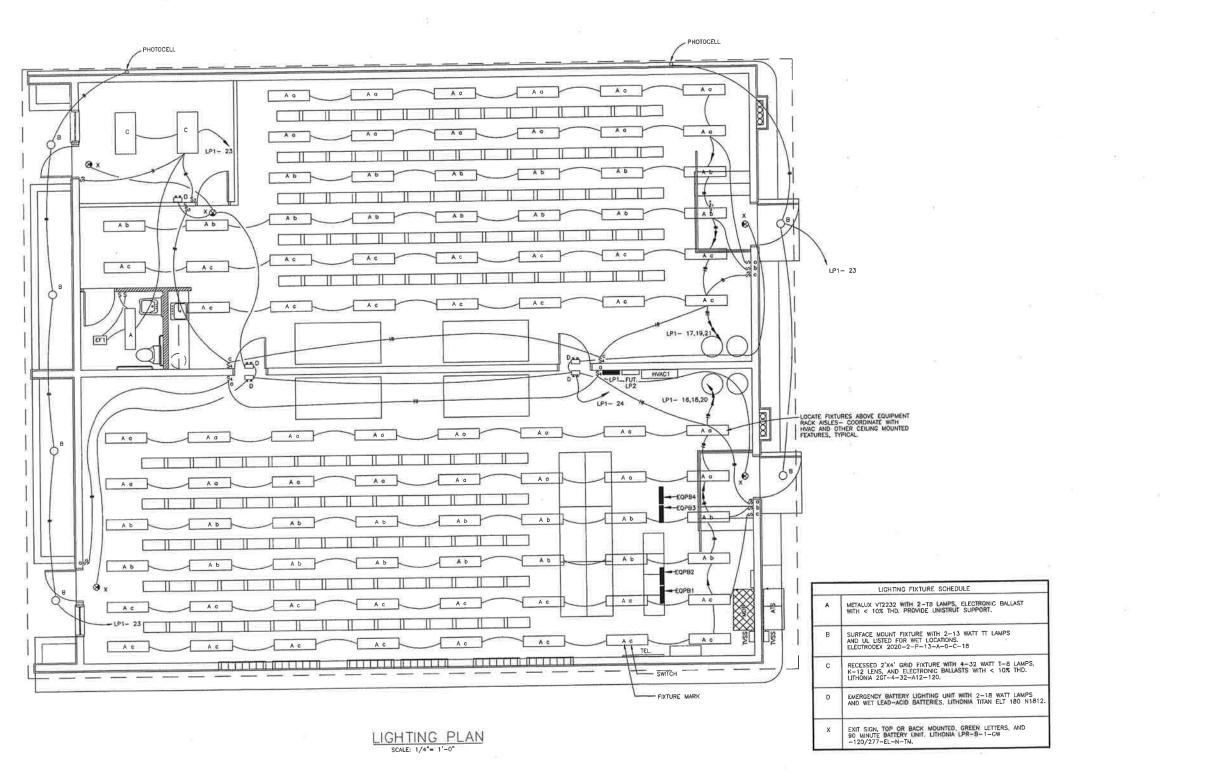
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				Crew Foreman es Built Date	Language Regulat # Yes C	No Reviewed As Built Date	CHECKED BY: RJL	ACAD FILE NAME: GRUCOM HANGER BUILDING DWG	CIRCUIT No. XXX	OF
	-				CATV M Yes C No		RE-DRAWN BY: OHH	RADIO EQUIPMENT SUBSTATION	DATE 01/04/01	ļ <u>-</u>
154 165 615	-				ORTAT BY= □ No		APPROVED BY: WTS			{ F_1
REVISIONS:	DATE	ENG.	CHECKED	RELATED TRACINGS	Request Transfer/Remove	LOOP/RADIAL #	RE-DESIGNED BT: ORR	RENOVATION FOR GRUCOM - HANGER BUILDING	MAP No. 4050	



3805 NW 97 BLVD.

GAINESVILLE, FLORIDA 32614-7117 (352) 334-3600 EXT. 6068

301 SW 5th STREET



SOME INFORMATION ON THIS DRAWING IS TAKEN FROM DRAWINGS PRODUCED BY INCLEY, CAMPBELL, MOSES & ASSOCIATES, INC. WITH THEIR PERMISSION AND REVISED BY GRU.

NORTH

GAINESVILLE REGIONAL UTILITIES ENERGY DELIVERY ENGINEERING 3805 NW 97 BLVD. GAINESVILLE, FLORIDA 32614-7117 (352) 334-3800 EXT. 8088



	_			General Foreman es Built Date	Setured By	Com	Approved As Built Date			1,0,0,0	
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	1.0		П	П	115		00000	16			-		10	
	10		14	11	117			18	4	11	_		10	
ACC-2B	10	110	25	3	15	4508	4608	20	3	25	10			ACC-2A
	10		П	П	21			22	Ц.	11	_		10	
	10		11	1.	23			24	1	11			10	-1
SPACE OMY			1	3	25		_	25	3	_	_	1	_	SWE OUT
				Ш	27			29	Ц.	-	_	\vdash	_	
			_	Lt.	25			30	4	-	_	\vdash	-	
SAKE OWL				13	31		_	32	1	-	-	-	-	SINCE ONLY
			1_	ш	22		_	134	4	-	_	-	-	
		4	-	1.	35	_	_	- 36		-	-	\rightarrow	-	
117.5			-		32			38	-	-	-	-	_	
				_	35		_	40	-	-	-	\vdash	-	
	1 1	1	1	100	41			142	100			1	- 1	

LARGEST MOTOR X .25 = 270032 VA (778.3 AMP.)

To You		WAL.		BREA	KER	CR		and the	ce				×	SER	risen.
SERVING	HOT	NEUT I	280	MES	ROLL	NO	commercial	, mo w	NO	P025			EST HOT	150	99374
0CPS 1-1	10	1	10	30	2	1	2964	2904	1	1	30	10	10	00%	1-2
	10			1	Œ	3			14	+	1		10	-	
00PS, 1=3	10		10	30	7	5	7984	2584	1	1	130	10	10	00%	1-4
3 63	10			1	1	7		-	1.		11	-	10	-	
0CPS 1-5	10		10	30	1	9	2954	2904	10	1	30	10	10	00%	1-1
	10		_	1	1	111			12	÷	1 30	10	10	0095	1.1
00PS, 1+7	10		10	.00	1	113	2584	2954	16	+	17	102	10	1000	1
	10	-	44	1	4	15	2984	7984	10	+	30	10	16	0095	1-10
00PS 1-9	10	\vdash	10	12	H	117	1994	1904	20	÷	+T	1 12	10		the later of the l
and the second	10	\vdash	10	30	-5	177	2554	2164	22	+	36	10	10	6025	1-12
00FS, 1-11	10	\vdash	44	Ť	H	22	244	-300	24	+	Ħ	m	160		THE REPORT OF THE PARTY OF THE
SPURE FUTURE DOPS 1-13	100	+	-	50	1	23	2964	2954	26	7	130			5948	E RUTURE DOPS 1-14
XWE THINK SATE 1-11	_	1		Ť	Ħ	27		1	28	+	TT			1	
SPARE FUTURE DOPS 1+15	-			35	1	25	2954	2984	30	1	30			SPA	E ARIJAE DOPS 1+18
1 1 1		\Box		T	П	21	1000		32	1	Tŧ			1	
SPANE PUTURE DOPS 1-17		\Box	=	30	2	33	2954	2984	34	1	30			52W	E PUTURE 0095 1-18
1 1		\Box		1	П	35			36		LE			1	1. 1
SPARE FUTURE DOPS 1-19				35	7	32	2584	1964	38	1	135			52M	E FUTURE OURS 1-20
1 1 1					П	39		1	140		11			1	
SPACE CHAT					I	41			1 62	1	1			1.32%	E CMLY

TOTAL CONNECTED = 59680 VA ESTIMATED DEMAND = 59680 X B = 47744 VA (133 AMPS.)

	WE	4	BRE	KER	CR	DAUME OTT	D LOAD VA			RESH			SERVING
SERVING	HOT NO	WT CRD	AUT'S	209	NO	COMMECTE	D LUND W	NO	no	OP1	CRD N	TON NO	SERVINO
00PS 2-1	10	10	30	7	2	2991	2904	12	2	30	10		COPS 2-2
	16			П	13	Continue		4	I	1		10	
DCPS 2-3	10	10	30	1	3	2531	2904	1.6	1	30	10	10	0DF 2-4
	10			П	7	-140 A.	12.00	1.5		1		10	1
5075 2-5	10	10	30	3	2	2994	2984	10	1	30	10	10	00% 2-4
	10			1	11	_		112		Lt.	-	10	
DCPS 2+7	10 1	10	30	7	13	2554	2984	14	1	30	10	10	00PS 2-8
	10		1	1	15			116	4	30	-	10	00% 2-10
00PS 7-8	10	10	30	13	177	2554	2984	18	4	12	10	10	105 2-10
S24 - 11	10	-	Lt.	1	13		-	20	1	30	10		60% 2-12
DOPS 2-11	10	10	35	13	21	2554	2954	22	+	17	10	110	003,7-12
	10	_	1	1.1	23	4000	1000	26	+	35	\rightarrow	110	598 FATAL 00% 2-16
SPARE PUPULE DOPS 1-13		-	130	14	27	2584	2984	19	+	17	\rightarrow	-	Sar internal
	\rightarrow	_	1	1.	+27	2554	2951	30	+	30	+	-	SPANE PUTURE DOPS 2-16
SPARE PURINE DOPS 2-15		-	17	1.5	35	23.04	2901	132	H	T	-	-	T T
ale ale see h		-	30	H	32	2984	2584	34	7	35			SPARE FUTURE DOPS 2-18
SPARE PUTURE COPS 2-17		-	1º	l î	125	ARUT	1 5201	36	1	17	\vdash	_	
SPURE FUTURE DOPS 2-10	_	_	130	13	137	2984	2554	38	H	33	-	-	SPARE FUTURE DCPS 2-20
SPARE FRIDRE DEPS 2-19	\rightarrow	\rightarrow	HĨ	H	39		-	40		TT	-1		
SOUTE ONLY	\rightarrow	_	1	11	141			42		1			SPACE CHAY

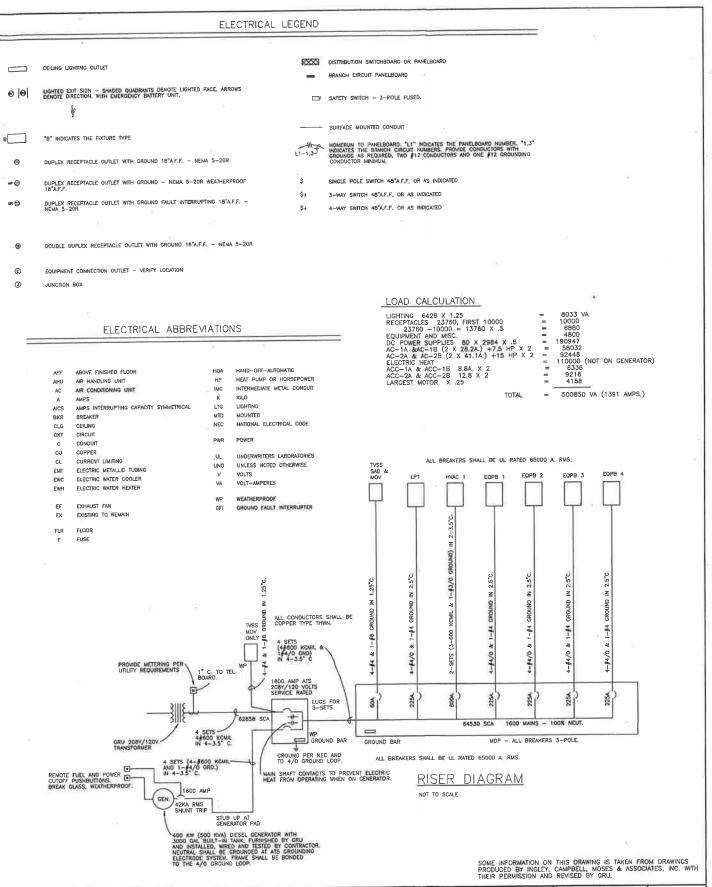
TOTAL CONNECTED = 59680 VA ESTRIATED DELAMID = 59680 X .8 = 47744 VA (133 AMPS.)

		WIRE		BREA	ŒR	on			CO3	BRE	NER		WRE		
SERVING	нот	statio					CONNECTE	D LOVD AY	NO	MILES	wes	GRD	NEUT HOT	SER	MING
DCPS 3-1	110		10		2	1	2984	2904	12		30	10	10	00%	3-2
	10				4	3			4		L		10		
COPS 3-3	110		10	30	2	15	2584	2954	1.6	7	30	10	10	00PS	3-4
A STATE OF THE PARTY OF THE PAR	110		25			17	-200	1000		+	11	_	10	-	1
00PS 3-5	10		10	30	2		2984	2984	19	1	30	10	10		3-4
Table 1 Control	10		-		1	11			112	1	11	-	10		1
00% 3-7	10		10	30	2	113	2964	2984	14		30	10	16	002	3-5
	10				+	115			16		11	-	10	-	3-18
DCPS 3-9	10		10	30.	1	17	2584	2984	15		1.0	16	110	0,00	3-19
	10					19	2000	****	22		1 30	10	110	N/P	3-12
00%, 3-11	10		10	30	4	131	2984	2954	124		17	114	10	- w	1-14
	10	1	-	*	+	23	2954	2984	126		55	-	110	1004	E FUTURE DOPS 3-14
SPARE PUTURE DOPS 3-13	_	+	-	7	-1	27	2304	4904	28	H	HT.	1	1	1 7	
SPACE FUTURE OCHS 3-15	_	+	-	30	+	28	2954	2954	30	H	130	1	-	SPA	S FUTURE DOPS 3-16
SAME LOUDE GOS 3+13	-	+	-	Ť	Ť	131	-5/9(1	2007	122	H	11	1		1	
SPANE PURLIE DOPS 3-17	_	+	-	30	+	150	2984	2284	134	ΙÌ	35	1		198	E FLERRE DCFS 3-18
	-		-	1	1	135		1	38	Ħ	1			1	
SPARE TUTURE DOPS 3-19	-	+	_	50	Ħ	137	2984	2984	36	1	30			SPA	E PUTURE DOPS 3-20
200	-		-		1	139			40	17	1				
SPACE CHEY		1		-	Ť	141			42	1		1		52A	E OUY

TOTAL CONNECTED = 59680 VA ESTIMATED DEMAND = 59680 X ,8 = 47744 VA (133 AMPS.)

	treet, or	,,000 /					ALL BRE	24/11/		_	_	_	PROVIDE GROUND BAR	
	V	DAE	BREAKER CIR		CONNECTED LDAD VA		CIR DHEAKER WITE		Same	SERVING				
5ERVING	Hot	HEUT CHE	O MIS POLIS PO		110	COMMEDICO EDPO 1X		NO POLIS MASS GRO IN		CRO N	TON TU			
DCPS 4+1	10	10	30	2	1	2984	2984	2	2	30	15	10	00% 4-2	
	110		T		3				1	1		10		
0CP3 4-3	10	10	30	7	5	2554	2964	4	2	70	10	10	DOPS 4-4	
5.00	10		TT		2			1.8		1	-	10	-	
UCPS 4-5	10	10	35	3	9	2984	2904	10	1	30	10	10	DCPS 4-6	
	10		11		11			12	1	11	-	10	1000	
DCPS 4-7	10	10	33		13	2984	2904	16	7	30	10		DCPS 4~8	
	10		11		15	-	*****	16	1	14	10	10	65% 4-16.	
DCPS_4-9	10	10	30	17	17	2984	2564	16	4	30	10	10	0.73, 4=10.	
(*)	10	_	11	ш	15		2984	22	+	33	10		0075 4-12	
DCPS, 4-11	10	10	130	13.1	21	2554	7014	24	H	12	10	110	1073,1-12	
	10		14	141	23	1954	2984	36	H	130	\vdash	1.00	SPARE FURINGE DOPS 4-14	
SAME LYTHE DOZ 1-17		-	130	14	77	1304	2905	78	н	17	+	+	712.00	
1	\rightarrow	-	133	1-1-	29	2951	2954	130	15	35	-	_	STATE PURINE COPS 4-14	
SPARE RUIDINE DOPS 4-15	_	-	+7	1	31	CHAT.	2307	132	H	†Ŧ	+	-		
SPARE FUTURE DOIS 4-17	-1-	-	35	13	33	3584	2954	34	H	30			SPARE FUTURE COPS 4-18	
SAME HOLDER DOLD 4-11	\rightarrow	-	17	H	35	400	Apr.	136	H	17	-			
SPARE PURUSE DOPS 4-19		-	1 33	11	37	2584	2904	38	1	18	-		5938 FUNE COS 4-20	
SPANS TAYONG DUTY 1-11	-	_	+1	H	35		1	140	rt	TŤ				
SHEE CHLY	\rightarrow		+-	++	41		_		Ħ	1			SPACE CHAY	

ESTIMATED DEMAND = 59680 X 8 = 47744 VA (133 AMPS.)



GAINESVILLE REGIONAL UTILITIES ENERGY DELIVERY ENGINEERING 3805 NW 97 BLVD.

3805 NW 97 BLVD. GAINESVILLE, FLORIDA 32614-7117 (352) 334-3600 EXT. 6068



				Section of the sectio							
			-	General Foreman as Built Date	Security Con	Approved As Built Date			1510		4
	-		-	VIVI CONTRACTOR OF THE CONTRAC				301 SW 5th, STREET	JOB NUMBER 1310P	4	П
				Crew Foreman as Built Date	Lamatora Resident - By Year - No	Reviewed As Built Date	CHECKED BY: RJL	ACAD FILE NAME: GRUCOM HANGER BUILDING.DWG	DATE 01/04/01 CIRCUIT No. XXX	OF	
	_		1		CATV BI Yee II No		RE-DRAWN BY: OHH				
					SET AT BE YOU CO NO		APPROVED BT: WIS	RADIO EQUIPMENT SUBSTATION		l ⊢-4	
EVIGIONS:	DATE	ENG.	CHECKED	RELATED TRACINGS	Medness i rausienticemove	LOOP/RADIAL#		RENOVATION FOR GRUCOM - HANGER BUILDING	MAP No. 4050		- 11
					Request Transfer/Remove	LOCKEDININI A	RE-DESIGNED BY: OHH		SCALE: NONE	SHEET	1