	VENTILATION F	REQUIREN	IENT S	CHEDU	LE		
SERVED BY		NO. OF	REQ'D	REQ'D CFM PER PERSON	SQ <sub>Q.FT.</sub> OF / AREA	NO. OF PEOPLE	REQ'I CFM TOTA
AHU-1	106 - Hall		0.06	ALCO LA TO	€65		4
	107 - Employee Lounge	20	THE PRINCE	9	1135		24
	109 - Safe Keeping		0.12	AST HONOR	1130		16
	111 - Queue	30		10	4400		120
	112 - Tellerline	5		17	2225		19
	113 - Drive-In Tellers	5		17	1140		12
	114 - Nightdrop		0.12		£ 50		6
					TO TAL R	 FOUIRED	201
					TO TAL P	ROVIDED	240
SERVED BY		NO. OF PEOPLE/ 1000 SF	REQ'D CFM PER SQ.FT.	REQ'D CFM PER PERSON	SQ <sub>Q.FT.</sub> OF / AREA	NO. OF PEOPLE	REQ'I CFM TOTA
AHU-2	100 - Vestibule		0.06		1140		8
	101 - Entry		0.06		2225		14
	102 - Office	5		17	1 150		13
	103 - Conference	50	HIEROPEN	6	1 135		41
1	110 - Waiting	30		10	4405		122
	117 - Work Room		0.12		1 105		13
	119 - Office	5		17	1140	510180161201	12
	120 - Office	5		17	1140		12
	121 -Office	5		17	1135		11
	122 - Office	5		17	1150		13
					TO TAL R	FQUIRED	257
					TO TAL P		275
NOTE:				В	UILD DING A	ID BALANC	E
				TOTA	L OUUTSIDI	E AIR	515
	VALUES BASED ON THE n ADDE	NDUM TO		TOTA	L EXXHUAS	TAIR	300
NSI/ASHRAE S	STANDARD 62-2004.			TOTAL BU	JILDING PE	RESSURE	215

X ....

						F/	AN		MO	TOR	EQUA	L TO	
	ARK	SERVICE	1	TYPE	CFM	E.S.P. (IN.)	DRIVE	RPM	HP [WATTS]	V/ø	MFG.	MODEL	NOTES
E	<del>-</del> 1	JANITOR - 108	30	CEILING	100	0.5	DIRECT	810	[100]	120/1	LOREN COOK	GC-180	(1)(2)(3)(4)
EF	-2	MEN - 104	30	CEILING	100	0.5	DIRECT	810	[100]	120/1	LOREN COOK	GC-180	(1)(2)(3)(4)
EF	-3	WOMEN - 105	)	CEILING	100	0.5	DIRECT	810	[100]	120/1	LOREN COOK	GC-180	(1)(2)(3)(4)

MARK / LEGEND	TYPE	MFG.	MODEL	NOTES	
NECK SIZE	CEILING MOUNTED SQUARE SUPPLY DIFFUSER	TITUS	TMS	(1)(2)(4)(5)(6)(7)	
NECK SIZE	CEILING OR SIDEWALL RETURN AIR GRILLE	птиѕ	350RL	(1)(2)(3)(4)(5)(6)	
NECK SIZE	CEILING OR SIDEWALL TRANSFER AIR GRILLE	птиѕ	350RL	(1)(2)(3)(4)(5)(6)	
LOUVER SIZE - 24X24-OAL	WALL MOUNTED OUTSIDE AIR INTAKE LOUVER	RUSKIN	ELF-6375DXD	(8)(9)	

NOTES: (1) PROVIDE WITH OPPOSED BLADE VOLUME DAMPER.

(2) PROVIDE 24X24 FULLY LOUVERED FACE LAYIN MODULE WHERE LOCATED IN LAYIN CEILING.

(3) NECK SIZE IS 22X22 UNLESS NOTED OTHERWISE ON FLOOR PLANS.

(4) PROVIDE SQUARE TO ROUND NECK TRANSITION WHERE APPLICABLE.

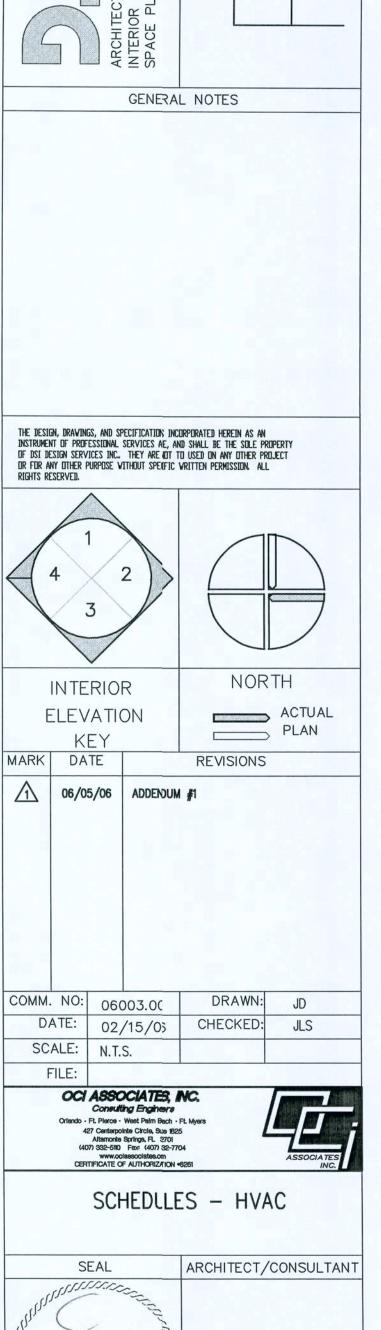
(5) COORDINATE BORDER TYPES WITH ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN.

(6) COORDINATE FINISH WITH ARCHITECT.

(7) COORDINATE THROW PATTERN WITH FLOOR PLANS.

(8) PROVIDE COMPLETE WITH WALL SLEEVE AND BIRDSCREEN.

PRIME AND PAINT TO MATCH ADJACENT SURFACES.



SHEET NUMBER

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### MASTER ELECTRICAL SYMBOL'S LEGEND NOTE: THESE ARE STANDARD SYMBOLS AND ALL MAY NOT APPEAR ON THE PROJECT DRAWINGS. PROPERTY OF APPEAR ON THE PROJECT DRAWINGS.

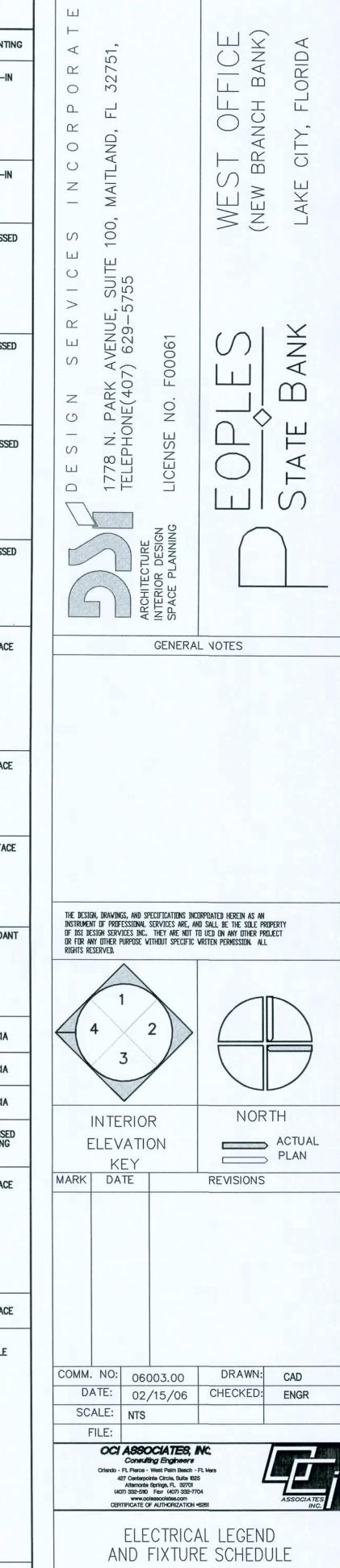
	REFER	TO SPECIFICA	TIONS FOR MOUNTING HEIGHTS <sub>S</sub> .
	LIGHTING	M	MOTOR CONNECTION, MARK NUMBER WILL IDENTIFY
	NOTE:	EF .	EQUIPMENT, EF, AHU, CU, ETC. SEE MOTOR CONNECTION SCHEDULE.
	(EM) DENOTES FIXTURE WITH BATTERY BALLAST	30/3 LP	NON FUSIBLE HEAVY DUTY SAFETY S'SWITCH, SIZE AND NUMBER OF POLES ARE INDICATITED.
	FLUORESCENT FIXTURE — CEILING MOUNTED  FLUORESCENT FIXTURE — CEILING MOUNTED, EMERGENCY BATTERY PACK	30/3 <sub>25</sub> <sub>3R</sub>	FUSIBLE HEAVY DUTY SAFETY SWITCHH, SIZE AND NUMBER OF POLES ARE INDICATED.
	FLUORESCENT FIXTURE — CEILING MOUNTED, STANDBY POWER		-ENCLOSURE NEMA RATING
	FLUORESCENT STRIP FIXTURE		- <u>DISCONNECT SIZE, #POLES</u> FUSE SIZE
_	FLUORESCENT FIXTURE — WALL MOUNTED		MANUAL MOTOR STARTER
_	FLUORESCENT FIXTURE - WALL MOUNTED, EMERGENCY BATTERY PACK		ENCLOSED CIRCUIT BREAKER.
0	HID, FLUORESCENT OR INCANDESCENT FIXTURE — RECESSED	470	
<b></b>	HID, FLUORESCENT OR INCANDESCENT WALL WASH FIXTURE - RECESSED	ATS	AUTOMATIC TRANSFER SWITCH - SEE RISER DIAGRAM  PANELBOARD, LOW VOLTAGE (120/2008V) - SEE PANELBOARD
<b>@</b>	HID, FLUORESCENT OR INCANDESCENT FIXTURE — RECESSED, EMERGENCY BATTERY PACK		SCHEDULES AND RISER DIAGRAM
	HID, FLUORESCENT OR INCANDESCENT FIXTURE — RECESSED STANDBY POWER		PANELBOARD, HIGH VOLTAGE (277/4480V) — SEE PANELBOARD SCHEDULES AND RISER DIAGRAM
0	HID, FLUORESCENT OR INCANDESCENT FIXTURE — SURFACE MOUNTED  HID, FLUORESCENT OR INCANDESCENT FIXTURE — SURFACE, EMERGENCY		DISTRIBUTION PANEL, SEE RISER DIAGGRAM
	BATTERY PACK	M	POWER COMPANY METERING.
О	HID, FLUORESCENT OR INCANDESCENT FIXTURE — WALL MOUNTED	Т	DRY-TYPE TRANSFORMER, SEE RISER <sub>R.</sub> FOR CHARACTERISTICS.
ØI	HID, FLUORESCENT OR INCANDESCENT FIXTURE — WALL MOUNTED, EMERGENCY BATTERY PACK		SITE
0	HID, FLUORESCENT OR INCANDESCENT FIXTURE - PENDANT MOUNTED	T	POWER COMPANY TRANSFORMER - UUNLESS NOTED
⊗ ₫	UNIVERSAL MOUNTING EXIT LIGHTS, SINGLE AND DOUBLE FACED,		PARKING LOT OR ROADWAY HID FIXTURE - NORMAL POWER
<b>A</b> 1	ARROWS AS SHOWN ON FLOOR PLANS	-	PARKING LOT OR ROADWAY HID FIXTURE — EMERGENCY POWER (VERIFY BRANCH OF ESSENTIAL ELEC'CTRICAL SYSTEM WITH DRAWINGS)
ଦ୍ଧା <u>ଫୁ</u> ଧ	WALL MOUNTED EXIT LIGHTS, SINGLE FACED END MOUNTED EXIT LIGHTS, SINGLE AND DOUBLE FACED,	ф	WALKWAY BOLLARD
0.4	ARROWS AS SHOWN ON FLOOR PLANS	$\rightarrow$	FLOODLIGHT
	SWITCHES	•	POLE
,-	LOWER CASE SUBSCRIPTS INDICATE OUTLET CONTROLLED	<b>10</b>	GENERATOR - SEE RISER DIAGRAM
S <sub>*</sub>	SINGLE POLE SWITCH (UNLESS NOTED BY SUBSCRIPT)  * (2) DOUBLE POLE		LIGHTNING PROTECTION SYSTEM
	(3) WAY (4) WAY (D) DIMMER SWITCH (1500W UNLESS NOTED)		COUNTERPOISE CONDUCTOR - CABLE SIZED PER NFPA 780
	(D) DIMMER SHITCH (1900H ONLESS NOTED)		MAIN L.P. CONDUCTOR - CABLE SIZE PER NFPA 780  BONDING CONDUCTOR - CABLE SIZE D PER NFPA 780
	CONDUIT AND WIRE	⊙.	AIR TERMINAL
	CONDUIT CONCEALED IN WALLS OR ABOVE CEILINGS	0,	* (A) FLAT SURFACE BASE (B) FLAT WALL MOUNTED PARAPETET
	CONDUIT CONCEALED UNDERGROUND OR IN SLAB		(C) SMVEL BASE (D) RIDGE SADDLE BASE (EXPOSECD)
	CONDUIT HOMERUN — CONDUCTORS ARE #12 AWG CU UNLESS OTHERWISE INDICATED. (SEE SPECIFICATIONS FOR DERATING OF CONDUCTORS BASED ON CIRCUIT LENGTH		(E) RIDGE SADDLE BASE (CONSEALALED) (F) CONSEALED AIR TERMINAL BASSE ASSEMBLY
	AND CONDUCTORS IN A CONDUIT)		MECHANICAL OR EXOTHERMIC BOND
	CONDUIT EXPOSED ON WALLS OR CEILINGS	<b>A</b>	EXOTHERMIC TEE CONNECTION
	EXISTING CONDUIT  CONDUIT TURNED UP OR DOWN IN WALL	DN •	DOWN CONDUCTOR LOCATION
			TELEPHONE SYSTEEM
	RECEPTACLES	▼.	* (C) TELEPHONE OUTLET, BOTTOM   IS AT 4" ABOVE COUNTER OR BACKSPLASH. MAXIMUM 48" T(TO CENTER.
* <del>=</del>	DUPLEX RECEPTACLE  * (G) DUPLEX GFCI RECEPTACLE		(W) WALL TELEPHONE OUTLET, MODUNT 48" AFF UNLESS NOTED OTHERWISE
	(IG) DUPLEX ISOLATED GROUND RECEPTACLE.  (EWC) ELECTRIC WATER COOLER, COORDINATE LOCATION WITH PLUMBING INSTALLER. LOCATE GFCI RECEPTACLE CENTERED UP UNDER COOLER.	•	TELEPHONE OUTLET IN FLOOR BOX
	(WPG) DUPLEX GFCI RECEPTACLE, WEATHERPROOF COVER	HH	TELEPHONE OR POWER HANDHOLE
=	DUPLEX RECEPTACLE, MOUNT 4" ABOVE COUNTER OR BACKSPLASH. MAXIMUM 48" TO CENTER.	TTB	TELEPHONE TERMINAL BOARD.
<b>=</b>	QUADRAPLEX RECEPTACLE IN TWO GANG BOX COVER.		TELEVISION SYSTEM
$\ominus$	DUPLEX RECEPTACLE IN FLOOR BOX.	₩.	TELEVISION OUTLET
<b>=</b>	QUADRAPLEX RECEPTACLE, MOUNT 4" ABOVE COUNTER OR BACKSPLASH. MAXIMUM 48" TO CENTER.		* (C) TELEVISION OUTLET, BOTTOM ISIS AT 4" ABOVE COUNTER OR BACKSPLASH. MAXIMUM 48" TOO CENTER.
<b>=</b>	DUPLEX RECEPTACLE TOP HALF SWITCHED	PJ	VIDEO PROJECTOR
$\Rightarrow$	DUPLEX RECEPTACLE FLUSH MOUNTED IN CEILING	PS	PLASMA SCREEN
	DUPLEX RECEPTACLE FLUSH MOUNTED IN CEILING HALF SWITCHED	TVEC	TELEVISION EQUIPMENT CABINET
*0	SIMPLEX RECEPTACLE FLUSH MOUNTED IN CEILING  * (ZD) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING	∇*	DATA DISTRIBUTION
	(VAV) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING (VVT) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING	V*	DATA OUTLET, FLUSH WALL MTD. 18"3" AFF UNLESS NOTED OTHERWISE  * (#) PROVIDE COVERPLATE WITH NUMBER OF PORTS AS SHOWN.  (C) MOUNT 4" ABOVE COUNTER OOR BACKSPLASH
	COMBINATION DATA/TELEPHONE AND DUPLEX RECEPTACLE. MOUNTED IN		(S) SURFACE WALL MOUNTED 18" AFF (W) RECESSED WALL MOUNTED 488" AFF
000	CAST IRON OR STAINLESS STEEL FLOOR BOX. REFER TO POWER/SYSTEMS FLOOR PLAN FOR EXACT TYPE FLOOR BOX		(LÁN) LOCAL AREA NETWORK OUTL <sub>ILET</sub> (POS) POS DATA OUTLET
-20R	SPECIAL OUTLET, SUBSCRIPT INDICATES NEMA CONFIGURATION NUMBER	$\nabla$	DATA OUTLET, FLUSH IN FLOOR BOX (
	POWER CONNECTIONS	$\mathbf{V}_*$	COMBINATION DATA/TELEPHONE OUTLILET, FLUSH WALL MTD. 18" AFF UNLESS NOTED OTHEFRWISE
<b>O</b> *	JUNCTION BOX SIZED PER N.E.C. UNLESS NOTED  * (ZD) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING		* (#) PROVIDE COVERPLATE WITH NUMBER OF PORTS AS SHOWN.  (C) MOUNT 4" ABOVE COUNTER OOR BACKSPLASH
	(VAV) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING (VVT) ELECTRICAL CONNECTION FOR HVAC EQUIPMENT MOUNTED ABOVE CEILING		(S) SURFACE WALL MOUNTED 18" * AFF (W) RECESSED WALL MOUNTED 488" AFF
0	FLOOR JUNCTION BOX	V	COMBINATION DATA/TELEPHONE OUTLILET, FLUSH IN FLOOR BOX
CA	IN FLOOR MULTI-FUNCTION JUNCTION BOX. REFER TO SPECIFICATIONS FOR FUNCTIONS	DTC	DATA TERMINAL CABINET
PB	WALL MOUNTED PUSH BUTTON STATION MOUNT AT 7'-0" AFG FOR OUTDOOR INSTALLATIONS AND 4'-0" AFF FOR INDOOR INSTALLATIONS.	DEC	DATA EQUIPMENT CABINET
SH	WALL MOUNTED SHUNT TRIP STATION MOUNT AT 7'-0" AFG FOR	IDF MDF	INTERMEDIATE DATA FRAME  MAIN DATA FRAME
TC	OUTDOOR INSTALLATIONS AND 4'-0" AFF FOR INDOOR INSTALLATIONS.  TIME CLOCK	[MDF]	
œ	PHOTO-ELECTRIC CELL		
EWH	ELECTRIC WATER HEATER		

IWH INSTANTANEOUS WATER HEATER

ABB	REVIATIONS:
A AFF AFG AL ANNUN ARCH ATS AWG	AMPERES ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ALUMINUM ANNUNCIATOR ARCHITECT AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE
BFG BLDG	
C CAT CKT CU C/B C/T	CONDUIT CATALOG CIRCUIT COPPER CIRCUIT BREAKER CURRENT TRANSFORMERS
∆ DWG	DELTA DRAWING
FT	FEET
G GEN GFI	GROUND GENERATOR GROUND FAULT INTERRUPT
IG	ISOLATED GROUND
KVA KW	KILOVOLT — AMPERES KILOWATTS
MCB MCC MCM MISC MLO	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER THOUSAND CIRCULAR MILS MISCELLANEOUS MAIN LUGS ONLY
NEC NC NL NO NTS NIC	NATIONAL ELECTRICAL CODE NORMALLY CLOSED NIGHT LIGHT CIRCUIT NORMALLY OPEN NOT TO SCALE NOT IN CONTRACT
	PHASE POINT OF SALE POLYVINYL CHLORIDE POTENCIAL TRANSFORMER
R	RECESSED
SCR SURF	SHORT CIRCUIT RATING SURFACE
TEL	TELEPHONE
UG UNIV UNO	UNDERGROUND UNIVERSAL UNLESS NOTED OTHERWISE
٧	VOLTS
W WP WPG	WATTS WEATHERPROOF WEATHERPROOF WITH GROUND FAULT INTERRUPT
XFMER	TRANSFORMER

Y WYE

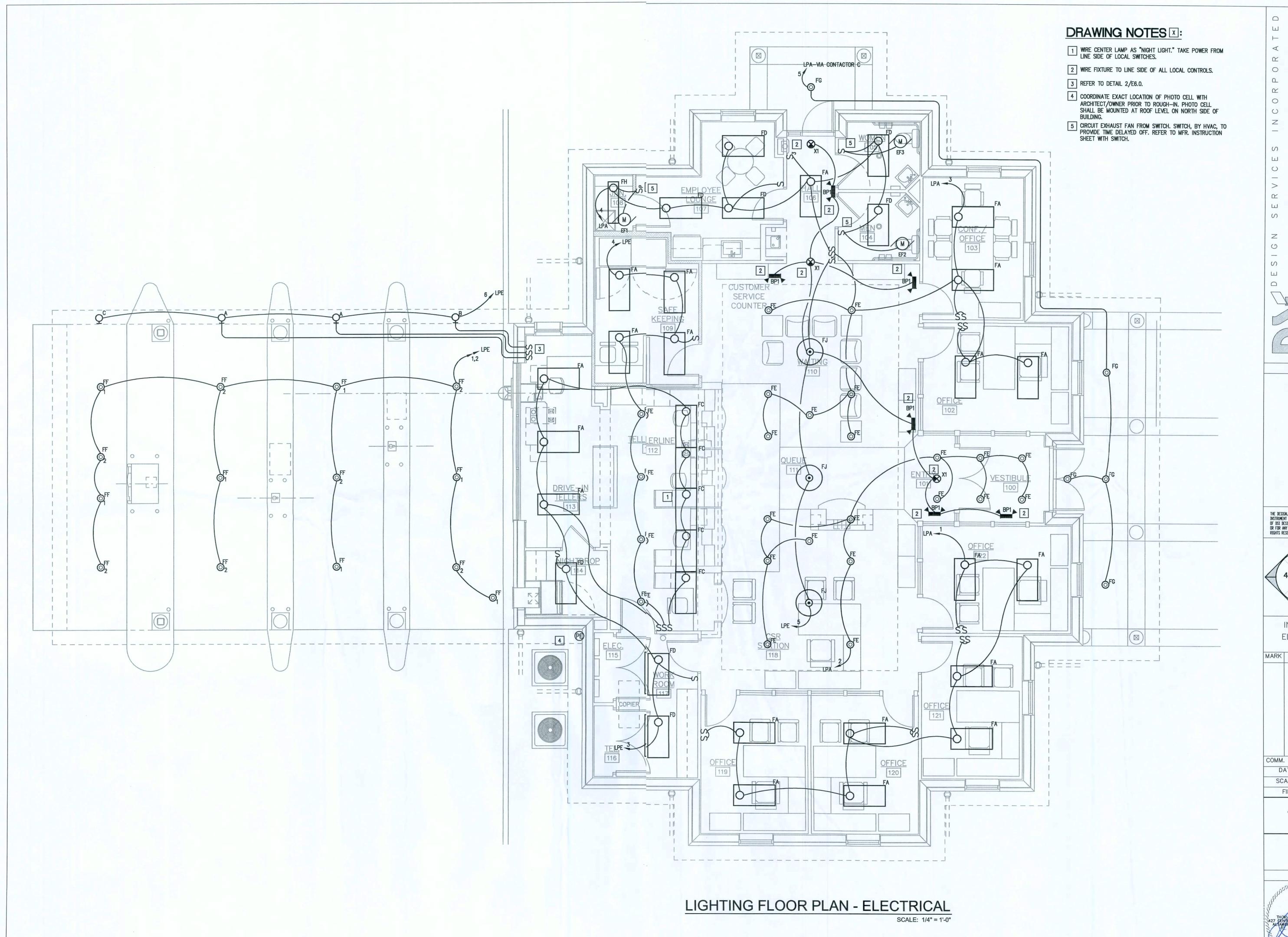
	FIXTURE SCHEDULE	=				
TYPE	DESCRIPTION	TOTAL	NO.	LAMI	т —	MOUNTING
FA	FLOURESCENT TROFFER, 2'x4' NOMINAL, FORMED CRS STEEL CHASSIS FINISHED IN HIGH REFLECTANCE BWE WITH INDIVIDUAL LAMP COMPARTMENTS WHEN ASSEMBLED WITH LOUVER, FLOATING BLACK REVEAL MITER CUT ALUMINUM DOOR FRAME WITH INTEGRAL LIGHT TRAPS HOLDING A NOMINAL THREE INCH DEEP SEMI-SPECULAR LOW IRIDESCENT PARABOLIC LOUVER WITH 18 CELLS. EQUIP WITH LAMPHOLDERS, AND 120 VOLT FUSED ELECTRONIC BALLAST FOR THREE F32T8 LAMPS. MFR.: LITHONIA #2PM3 SERIES, COLUMBIA #P224 SERIES, DAYBRITE #2U SERIES	110	3	32	F032/ 835	LAY-IN
FA1	SIMILAR TO TYPE "FA" EXCEPT EQUIPPED WITH 120V EMERGENCY BATTERY PACK PROVIDING 1100 LUMEN OUTPUT FOR ONE AND ONE HALF HOURS FROM ONE LAMP AND FUSED 120V ELECTRONIC BALLAST FOR THE OTHER LAMPS.  MFR.: OF SAME MANUFACTURE AS TYPE "FB"	110	3	32	F032/ 835	LAY-IN
FB	COMPACT HORIZONTAL LAMP FLUORESCENT DOWN—LIGHT, 6" NOMINAL APERTURE, CRS NON—IC HOUSING COMPLETE WITH EXTERNAL THRU—WIRE JUNCTION BOX AND ADJUSTABLE SELF—LOCKING MOUNTING BARS(26" MINIMUM LENGTH), SELF FLANGED (WHITE TRIM PAINTED TO MATCH CEILING) SEMI—SPECULAR LOW IRIDESCENT REFLECTOR CONE OF ANODIZED ALUMINUM, HEAT SINK PROTECTED LAMP SOCKETS. EQUIP CHASSIS WITH LAMPHOLDERS AND 120 VAC FUSED ENCAPSULATED AND POTTED ELECTRONIC BALLAST FOR ONE 42TRT LAMP.  MFR: LITHONIA "AF" SERIES, OMEGA "EY3" SERIES, PRESCOLITE "CFT6" SERIES.	47	1	42	CF42DT/ E/IN/835	RECESSED
FC	FLUORESCENT TROFFER, STATIC 2'x4' NOMINAL, SHALLOW CRS CHASSIS FINISHED IN HIGH REFLECTANCE WHITE POLYESTER POWDER COAT, CORNER MOUNTED TWO PIECE REFRACTORS EQUIP CHASSIS WITH LAMPHOLDERS AND MULTI—VOLT FUSED ELECTRONIC BALLAST FOR TWO FP54T5HO LAMPS.  MFR: LITHONIA "RT5" SERIES, OR EQUAL, APPROVED BY ARCHITECT/ENGINEER, BY DAYBRITE, OR COLUMBIA,	115	2	54	FP54/835 /HO/ECO	RECESSED
FD	COMMERCIAL FLUORESCENT TROFFER, STATIC 2'x4' NOMINAL, DIE-FORMED, COLD ROLLED STEEL HOUSING WITH BAKED WHITE ENAMEL FINISH. FULLY GASKETED STANDARD DOOR FRAME WITH INTEGRAL LIGHT TRAPS CONTAINING 0.125" PATTERN 12 VIRGIN ACRYLIC PRISMATIC DIFFUSER, EQUIP CHASSIS WITH LAMPHOLDERS AND 120 VAC FUSED ENCAPSULATED AND POTTED ELECTRONIC BALLAST FOR TWO F31T8RS LAMPS.  MFR: LITHONIA "2M" SERIES, DAYBRITE "2SM" SERIES, COLUMBIA "SM24" SERIES, WILLIAMS "12-4" SERIES.	70	2	32	F032/835	RECESSED
FE	COMPACT FLOURESCENT VERTICAL DOWN LIGHT, 8" NOMINAL APERTURE, SEMI-DIFFUSE SELF-FLANGED REFLECTOR WITH PAINTED WHITE FLANGE. FINNED DIE-CAST ALUMINUM HEAT SINK, THROUGH WIRE JUNCTION BOX ACCESSIBLE FROM BELOW CEILING, 26" MOUNTING BARS. EQUIP WITH LAMPHOLDER AND FUSED 120 VOLT ELECTRONIC DIMMING BALLAST FOR ONE 42DTT LAMP.  MFR.: LITHONIA "AFV" SERIES, PRESCOLITE #PBX SERIES, CAPRI #C8 SERIES	95	2	42	CF42TRT/ E/IN/835	RECESSED
FF	COMPACT HORIZONTAL LAMP FLUORESCENT DOWN-LIGHT FOR WET LOCATIONS, 12" NOMINAL APERTURE, WHITE ENAMELED ALUMINUM HOUSING COMPLETE WITH EXTERNAL THRU-WIRE JUNCTION BOX AND PLASTER FRAME, TORSION SPRING RETAINED BLACK REGRESSED DOOR FRAME CONTAINING GASKETED CORNING #73 SPREAD LENS WITH GASKET BETWEEN TRIM AND HOUSING, SPECULAR ALZAK ALUMINUM REFLECTOR, HEAT SINK PROTECTED LAMP SOCKETS. EQUIP CHASSIS WITH LAMPHOLDERS AND 120 VAC FUSED ENCAPSULATED AND POTTED ELECTRONIC BALLAST FOR TWO 42TRT LAMPS. 7-5/8" DEPTH. MFR: THE KIRLIN CO. "RR81237" SERIES OR EQUAL APPROVED BY ENGINEER.	95	2	42	CF42TRT/ E/IN/835	SURFACE
FG	COMPACT FLOURESCENT VERTICAL DOWN LIGHT, 6" NOMINAL APERTURE, SEMI-DIFFUSE SELF-FLANGED BLACK BAFFLE WITH PAINTED WHITE FLANGE. FINNED DIE-CAST ALUMINUM HEAT SINK, THROUGH WIRE JUNCTION BOX ACCESSIBLE FROM BELOW CEILING, 26" MOUNTING BARS. EQUIP WITH LAMPHOLDER AND FUSED 120 VOLT ELECTRONIC BALLAST FOR ONE 32DTT LAMP.  MFR.: LITHONIA "AFV" SERIES, PRESSCOLITE #PBX SERIES, CAPRI #C8 SERIES	35	1	32	CF32DT/ E/IN/835	SURFACE
FH	COMMERCIAL SURFACE MOUNTED PRISMATIC, 1'x4' NOMINAL, CRS CHASSIS FINISHED IN HIGH REFLECTANCE WHITE POLYESTER POWDER COAT, INJECTION MOLDED LUMINOUS ENDS, HINGE AND LATCH. LAMPHOLDERS AND 120 VAC FUSED ENCAPSULATED AND POTTED ELECTRONIC BALLAST FOR TWO F31T8RS LAMPS. MFR: LITHONIA "AW" SERIES, DAYBRITE "DW" SERIES, COLUMBIA "MW" SERIES, WILLIAMS "U3G" SERIES.	68	2	32	F032/ 835	SURFACE
FJ	CHANDELIER CONSISTING OF 30" DIA. SHALLOW ACRYLIC FAUX BOWL WITH POLISHED BRASS FENIAL SUPPORTED BY THREE PARALLEL POLISHED BRASS RODS, SINGLE ROUND POLISHED BRASS BOX COVER FOR 4" OCTAGONAL BOX WITH FIXTURE STUD, OVERALL LENGTH 24" FROM CEILING. EQUIP WITH LAMPHOLDERS AND 120 VAC FUSED ELECTRONIC BALLASTS FOR FOUR 26W TRT FLOURESCENT LAMPS.  MFR: MANNING DP28-30 SERIES OR EQUAL APPROVED BY ARCHITECT/ENGINEER.	120	4	26	CF26DT/E /IN/835	PENDANT
A	GREEN "OPEN" RED "CLOSED" SIGN MOUNTED ON FACIA SIGNAL TECHNOLOGIES# TCL718GR-100	12	N/A	N/A	LED	FACIA
В	"COMMERCIAL" SIGN MOUNTED TO FACIA SIGNAL TECHNOLOGIES# TCL718GR-100	12	N/A	N/A	LED	FACIA
С	"ATM" SIGN MOUNTED TO FACIA SIGNAL TECHNOLOGIES# TCL718GR-100	12	N/A	N/A	LED	FACIA
BP1	CEILING MOUNTED EMERGENCY LUMINAIRE.  MFR: MCPHILBEN 12 VOLT "EL" SERIES OR EQUAL APPROVED BY ENGINEER.	18	2	9	HALOGEN	RECESSED CEILING
X1	ARCHITECTURAL EDGE—LIT EXIT SIGN, CONSISTING OF INJECTION MOLDED ACRYLIC PANELS WITHOUT VISIBLE HARDWARE, 6" BY 3/4" STROKE RED LETTERS WITH CHEVRON ARROWS WHERE INDICATED ON DRAWINGS, EXTRUDED ALUMINUM HOUSING BRUSHED FINISHED, LEDS ARRANGED TO PROVIDE EVEN ILLUMINATION OF LETTERS AND CHEVRONS. EQUIP WITH NICKEL—CADMIUM BATTERY PROVIDING 1—1/2 HOURS OUTPUT AND ALL REQUIRED ACCESSORIES FOR A U.L. LISTED AND LABELED EMERGENCY LIGHTING UNIT.  MFR: LITHONIA "PRECISE" SERIES, MCPHILBEN "45V" SERIES, COLUMBIA "LE/LES" SERIES.	5	N/A	N/A	N/A	SURFACE
X2	SIMILAR TO FIXTURE TYPE 'X1' EXCEPT EQUIPPED WITH DUAL FACE.	5	N/A	N/A	N/A	SURFACE
SA2	"SHOE BOX" HID PARKING LOT FIXTURE, HORIZONTAL LAMP, RECTANGULAR ONE PIECE DIE CAST ALUMINUM HOUSING WITH GASKETED ONE PIECE LENS FRAME CONTAINING GASKETED CLEAR TEMPERED GLASS LENS SECURED TO HOUSING BY HINGE AND QUICK ACCESS FASTENERS, ALZAK SEGMENTED ALUMINUM REFLECTOR ROTATABLE AND INTERCHANGEABLE, PROVIDING NEMA II CUTOFF DISTRIBUTION, CAST POST TOP FITTER AND TENON ARM MATCHING POLE TENON, POLE AND HOUSING FINISHED IN MATCHING LIGHT GREY POWDER COAT POLYESTER PAINT. EQUIP WITH PORCELAIN LAMPHOLDER, FUSED 208/230VAC CWA ENCASED AND POTTED BALLAST FOR ONE 250WCERAMIC PULSE START METAL HALIDE LAMP.  MFR.— FIXTURE: KIM #1A/SR3/ 250MH/LG—P/VSFOR EQUAL APPROVED BY ENGINEER.	275	1	250	MS250 /C/PS	POLE
POLE	ROUND TAPERED, 28 FOOT (23 FOOT EXPOSED) COMPOSITE CONSTRUCTION RATED TO SUPPORT FIXTURE IN 120 MPH WINDS PER ASHTO STDS AND FAC. SMOOTH FINISH OF COLOR MATCHING FIXTURE, COMPLETE WITH HANDHOLE, CONDUIT ENTRIES, AND GROUNDING PROVISIONS. REFER TO DETAIL DRAWING. MFR.— POLE: SHAKESPEAR BH30 SMOOTH OR EQUAL APPROVED BY ENGINEER					
SB3	SIMILAR TO TYPE "SA2" AND OF SAME MANUFACTURER, EXCEPT EQUIPPED WITH REFLECTOR NEMA III CUTOFF DISTRIBUTION.	275	1	250	MS250 /C/PS	POLE
SC4	SIMILAR TO TYPE "SA2" AND OF SAME MANUFACTURER, EXCEPT EQUIPPED WITH REFLECTOR NEMA IV CUTOFF DISTRIBUTION.	275	1	250	MS250 /C/PS	POLE



ARCHITECT/CONSULTANT

SHEET NUMBER

N 05 JUN 2006 <08:06:50AM EST> \\PLOTTING\06046E10.DWG



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COMM. NO: 06003.00 DRAWN: CAD DATE: 02/15/06 CHECKED: TBA SCALE: 1/4" = 1'0"

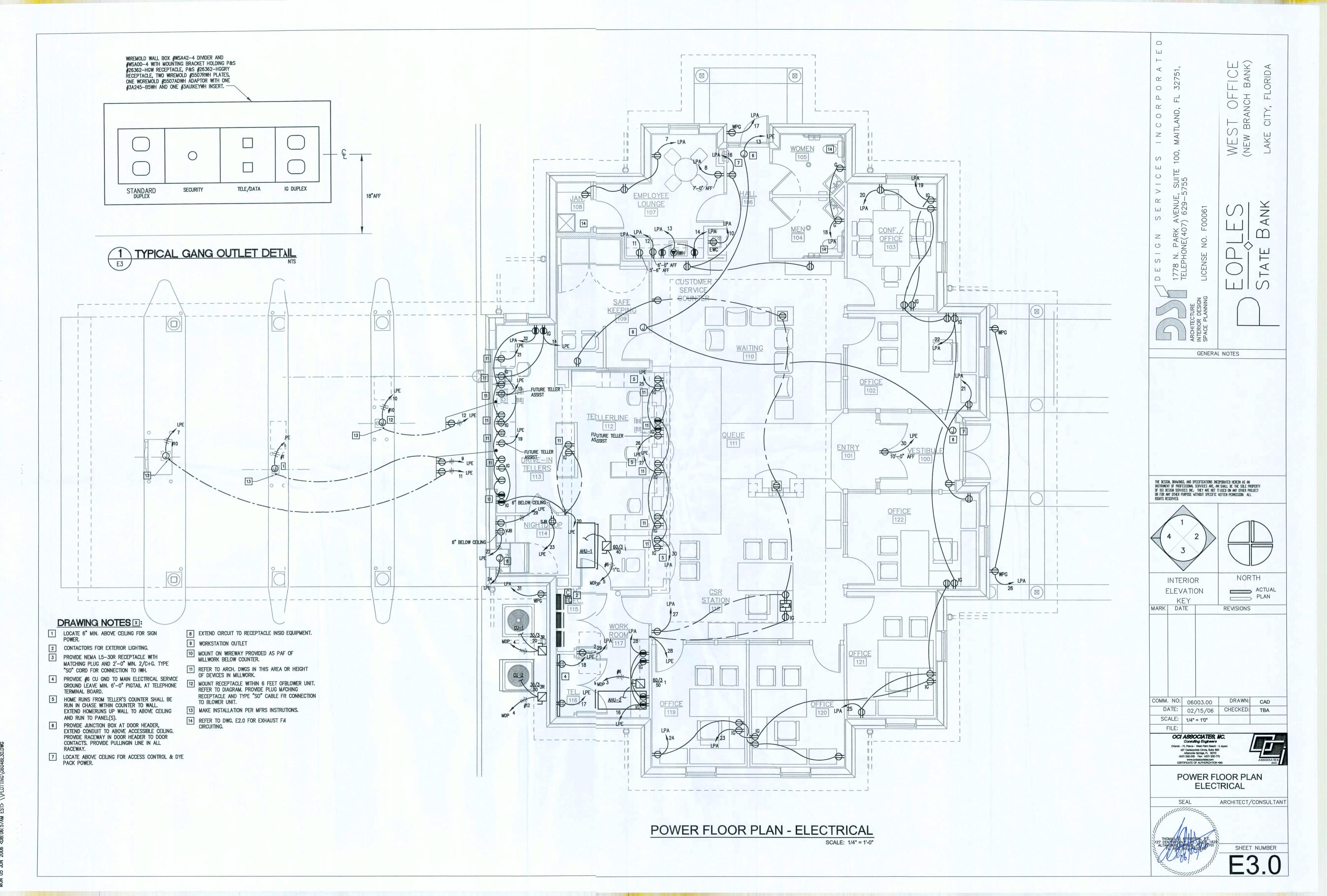
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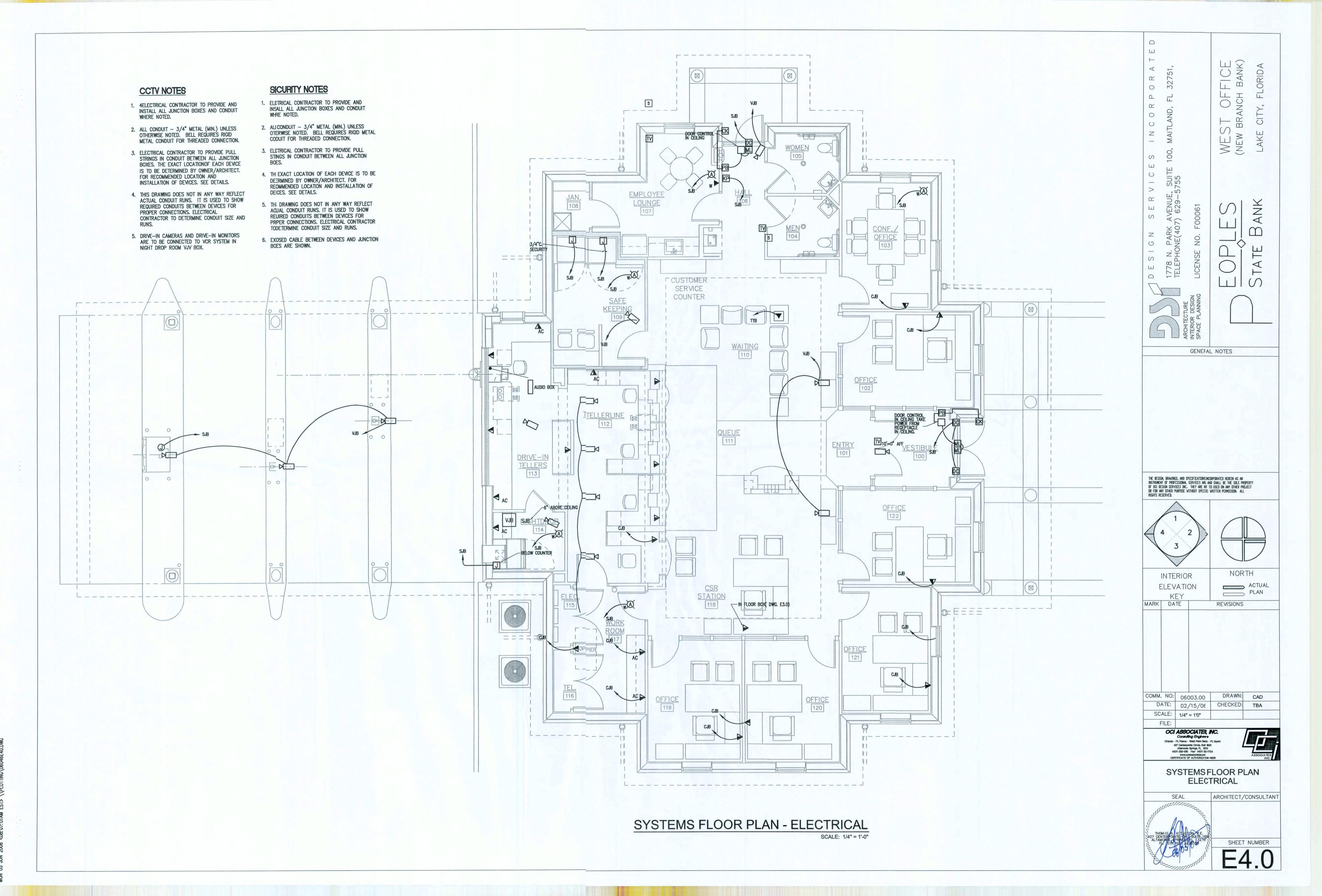
OCI ASSOCIATES, NC.
Consulting Engineers
Crisndo - Fl. Pierce - West Palm Beach - Fl. Myes
427 Centerpointe Circle, Sulte 1825
Altamonte Springs, Fl. 32701
(407) 332-610 Fax: (407) 332-7104
www.ociassociates.com

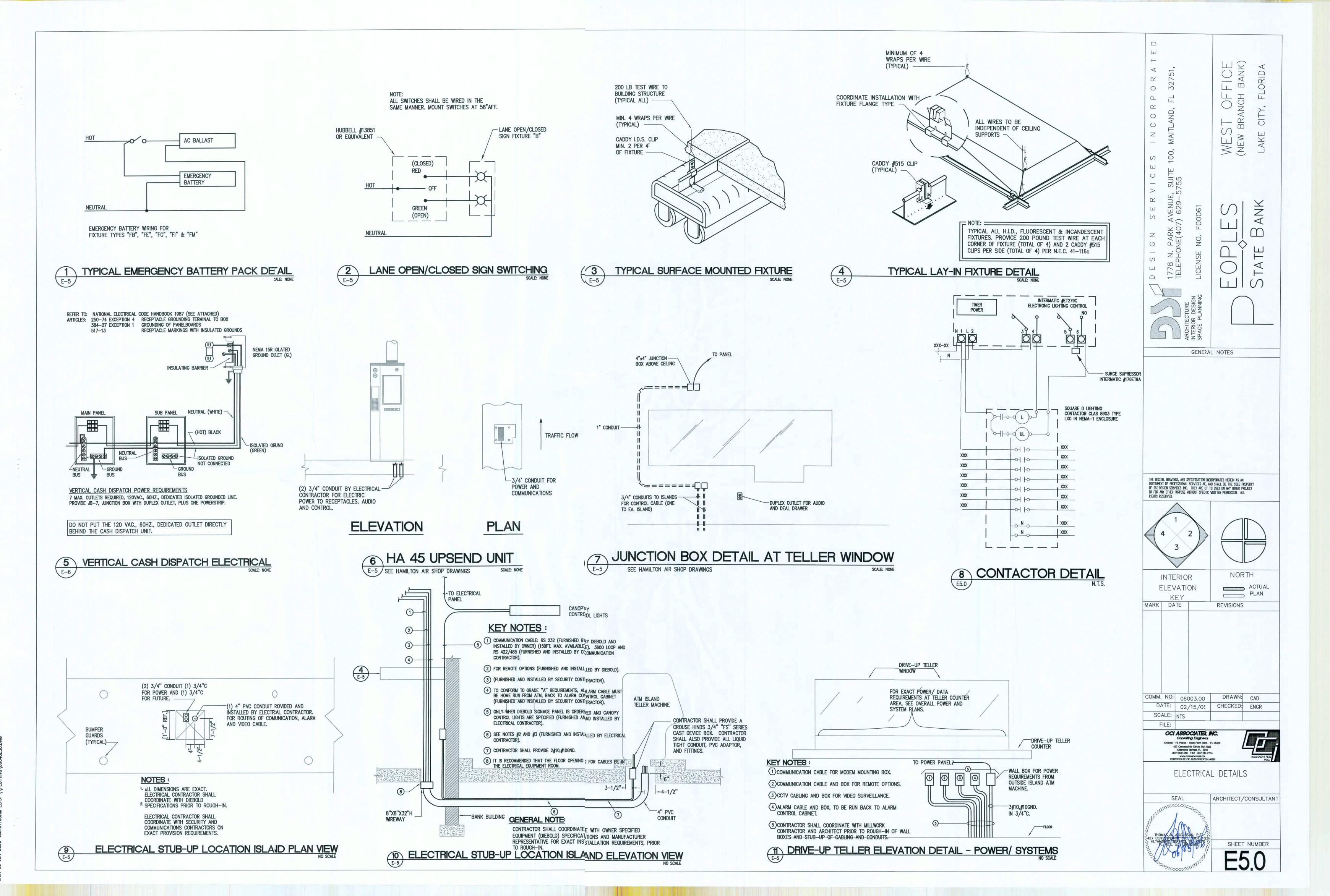
LIGHTING FLOOR PLAN ELECTRICAL

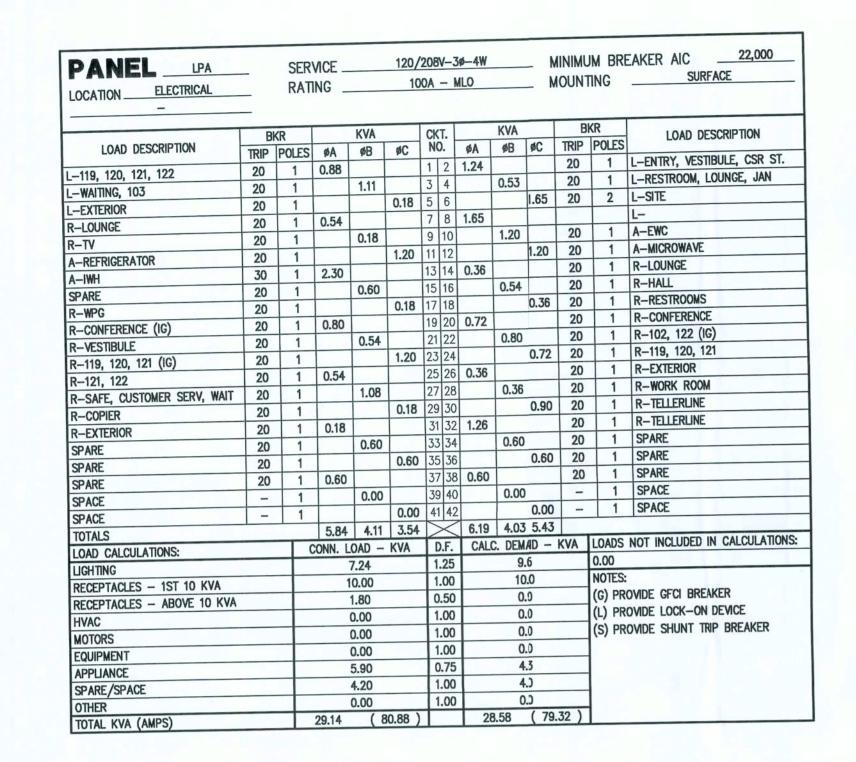


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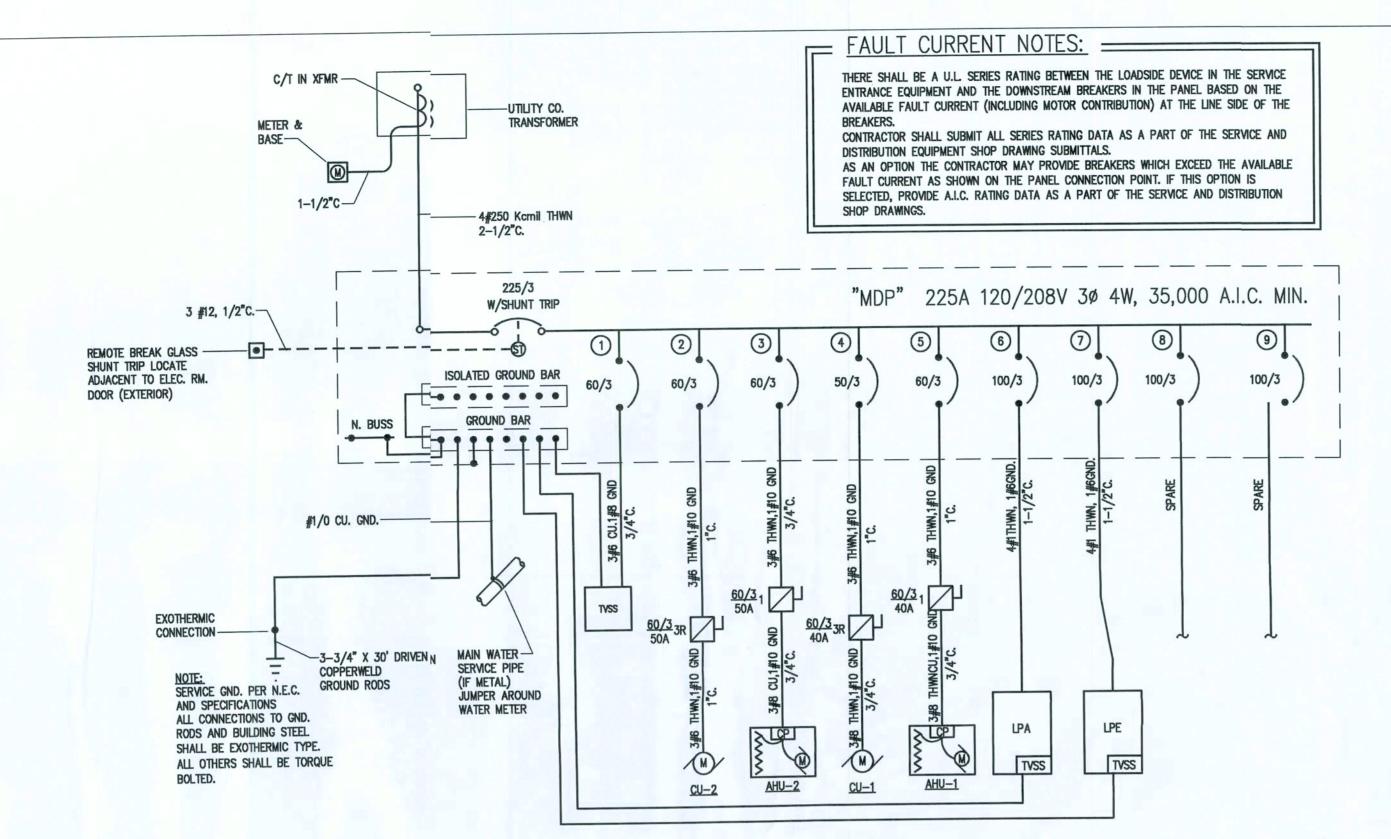


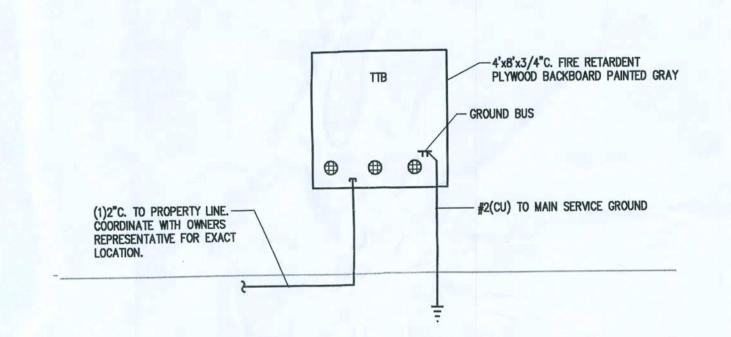






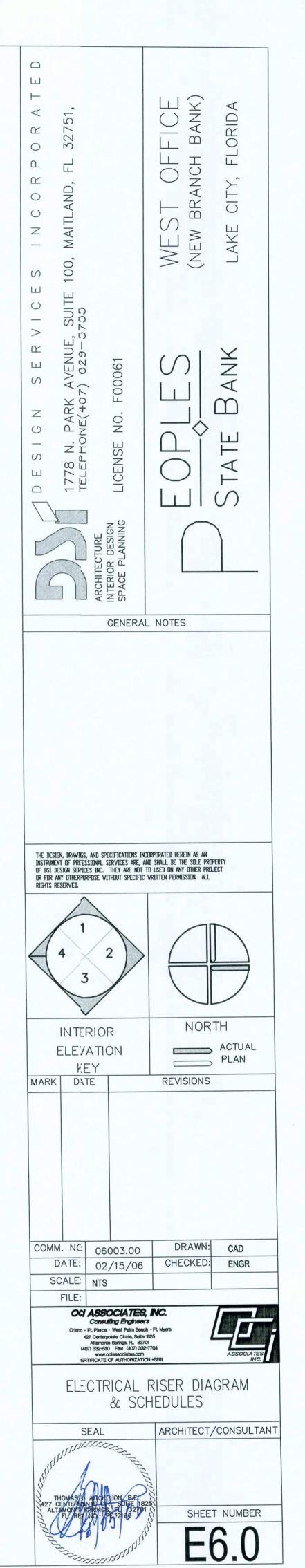
PANEL LPE		SER	VICE _		120/	208	W-3	5ø-4W		N	MINIMU	M BRE	EAKER AIC
LOCATION ELECTRICAL			NG _		10	00A	- N	LO		N	TOUNT	ING	SURFACE
		KR		KVA		CV	т.		KVA		B	KR .	LOAD SECONDARY
LOAD DESCRIPTION		POLES	ØΑ	øB	øC	N(		øΑ	øΒ	øС		POLES	LOAD DESCRIPTION
DDIVE TUDII	20	1	0.67	PU	PU	1	2	0.67			20	1	L-DRIVE THRU
L-DRIVE THRU	20	1	0.07	1.12		3	4		0.82		20	1	L-SAFE, TELLERLINE
L-ELECT, TELLERLINE	20	1		1012	0.48	_	$\overline{}$			0.05	20	1	L-EXTERIOR
L-QUEUE	20	1	1.50		0.10			1.60			20	1	M-PNUMATIC BLOWER
M-ATM	20	1	1.00	0.10			10		1.60		20	1	M-PNUMATIC BLOWER
E-BLOWER AUDIO	20	1		0.10	0.10					0.10	20	1	E-BLOWER AUDIO
E-ATM AUDIO	20	1	0.50		0.10			0.54			20	1	R-TELLERLINE (IG)
E-DOOR CONTROL	20	1	0.00	0.18			16		0.54		20	1	R-WORKROOM (IG)
R-FUTURE TELLER ASSIST.	20	1		0.10	0.36					0.36	20	1	R-TEL.
R-TEL. R-FUTURE TELLER ASSIST.	20	1	0.18		0.00			0.54			20	1	R-DRIVE IN TELLERS
R-TELLER	20	1	0.1.0	0.18			22		0.31		20	1	R-VJB
R-SJB	20	1			0.36					0.36	20	1	R-NIGHT DROP
R-TELLERLINE (IG)	20	1	0.36		0.00			0.18			20	1	R-FUTURE TELLER ASSIST
R-TELLERLINE (IG)	20	1	0.00	0.54			28		0.3		20	1	R-CSR STATION 118
	20	1		0.01	0.18					0.18	20	1	R-ENTRY
R-NIGHT DROP	20	1	0.60		-			0.60			20	1	SPARE
SPARE	20	1	0.00	0.60	_		34		0.6		20-	1	SPARE
SPARE	20	1		0.00	0.60		36			0.60	20	1	SPACE
SPARE	20	1	0.60		0.00			0.60			20	1	SPARE
SPARE	20	1	0.00	0.00			40		0.0		_	1	SPACE
SPACE		1		0.00		_	42		0.0	0.00	-	1	SPACE
SPACE		1	4.41	2 72	2.08	1	7	4.73	42	1.65			
TOTALS		T 0	ONN. L			D	.F.	CALC		ND -	KVA	LOADS	NOT INCLUDED IN CALCULATION
LOAD CALCULATIONS:		<del>-</del>		3.81	NYA	_	25	Oriza		6		0.00	
LIGHTING		_		5.76		_	.00	_		6		NOTES:	
RECEPTACLES - 1ST 10 KVA		_		0.00		_	.50			00		(G) PRO	VIDE GFCI BREAKER
RECEPTACLES - ABOVE 10 KV/	4	-		0.00			.00			00			OVIDE LOCK-ON DEVICE
HVAC		-		4.70			.00			70		(S) PRO	OVIDE SHUNT TRIP BREAKER
MOTORS		-		0.80		_	.00			30		. ,	
EQUIPMENT		-		0.00		_	.75			00			
APPLIANCE		_		4.80		-	.00		_	30	$\neg$		
SPARE/SPACE		_		0.00		_	.00			00	$\neg$		
OTHER TOTAL KVA (AMPS)			9.87		5.15 )	+ "	.00	20	.82	( 57.	80 )		

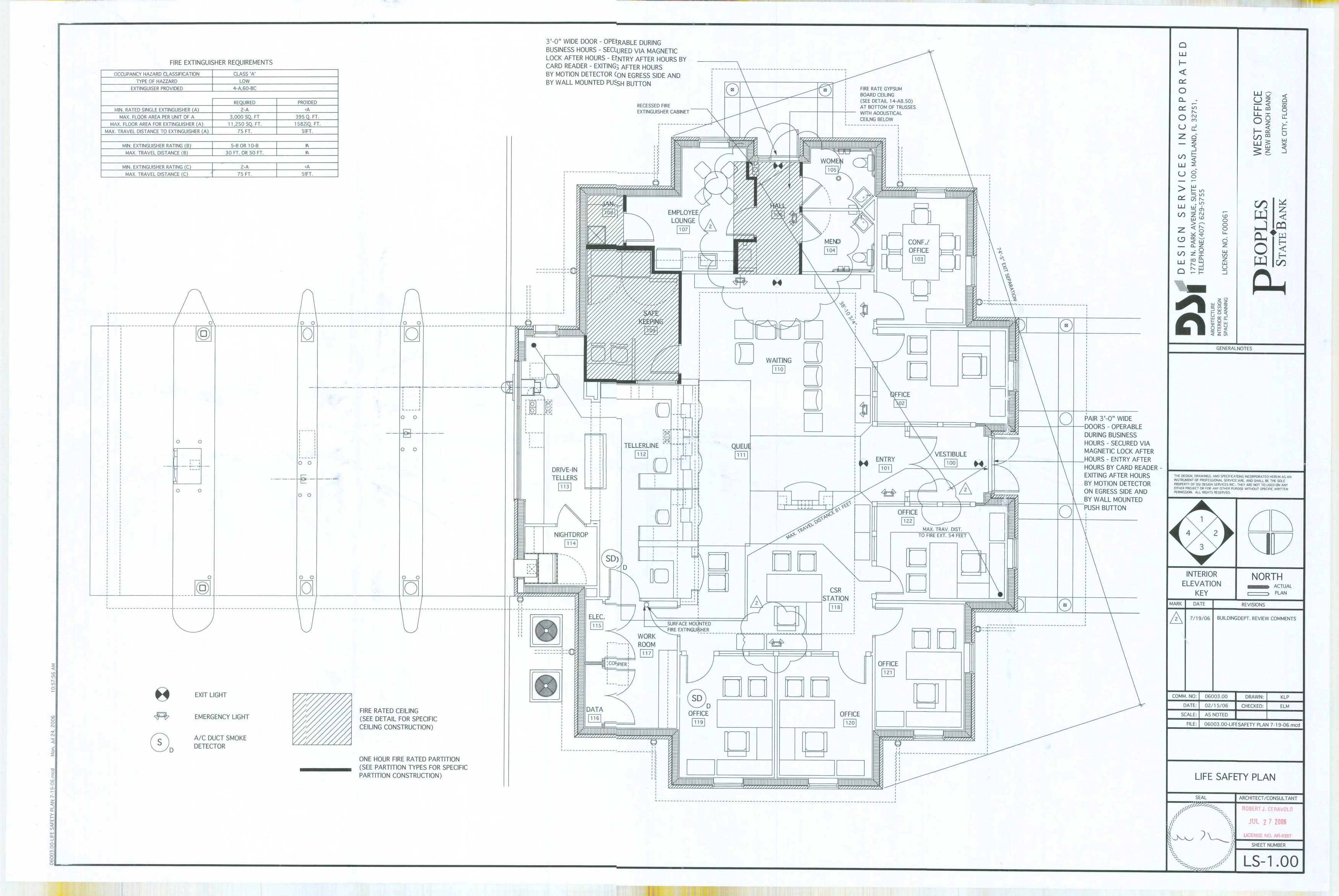


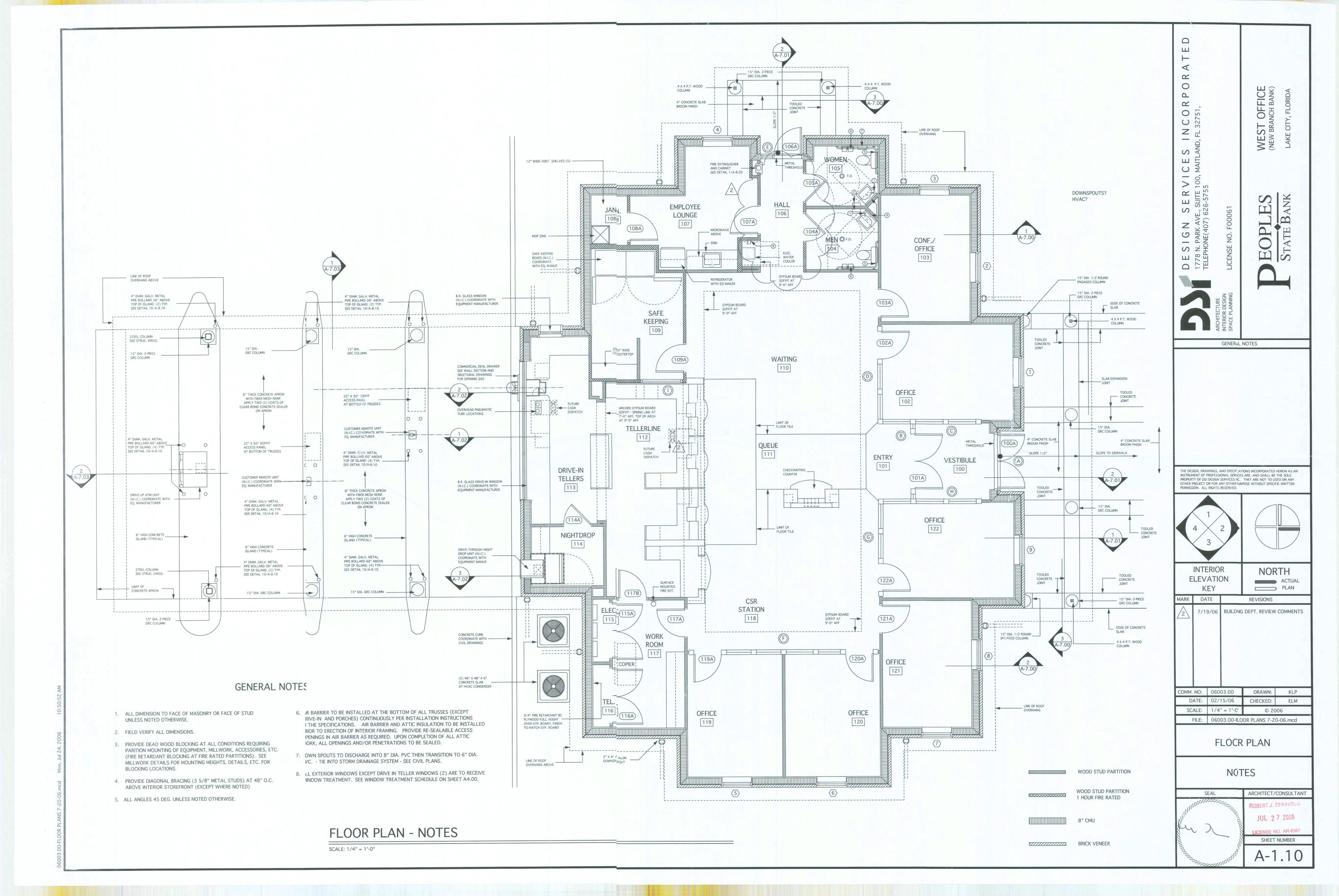


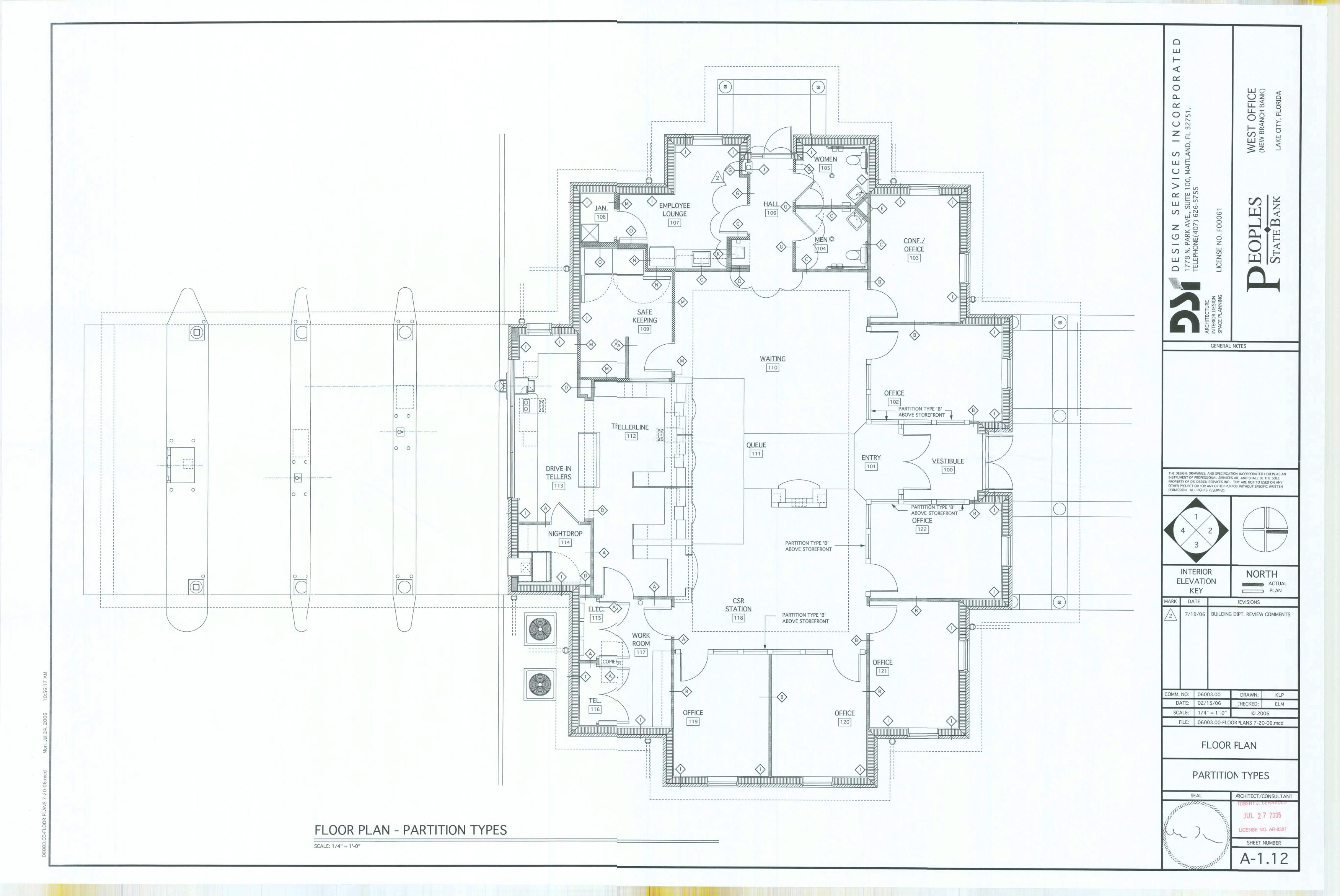
TELEPHONE RISER

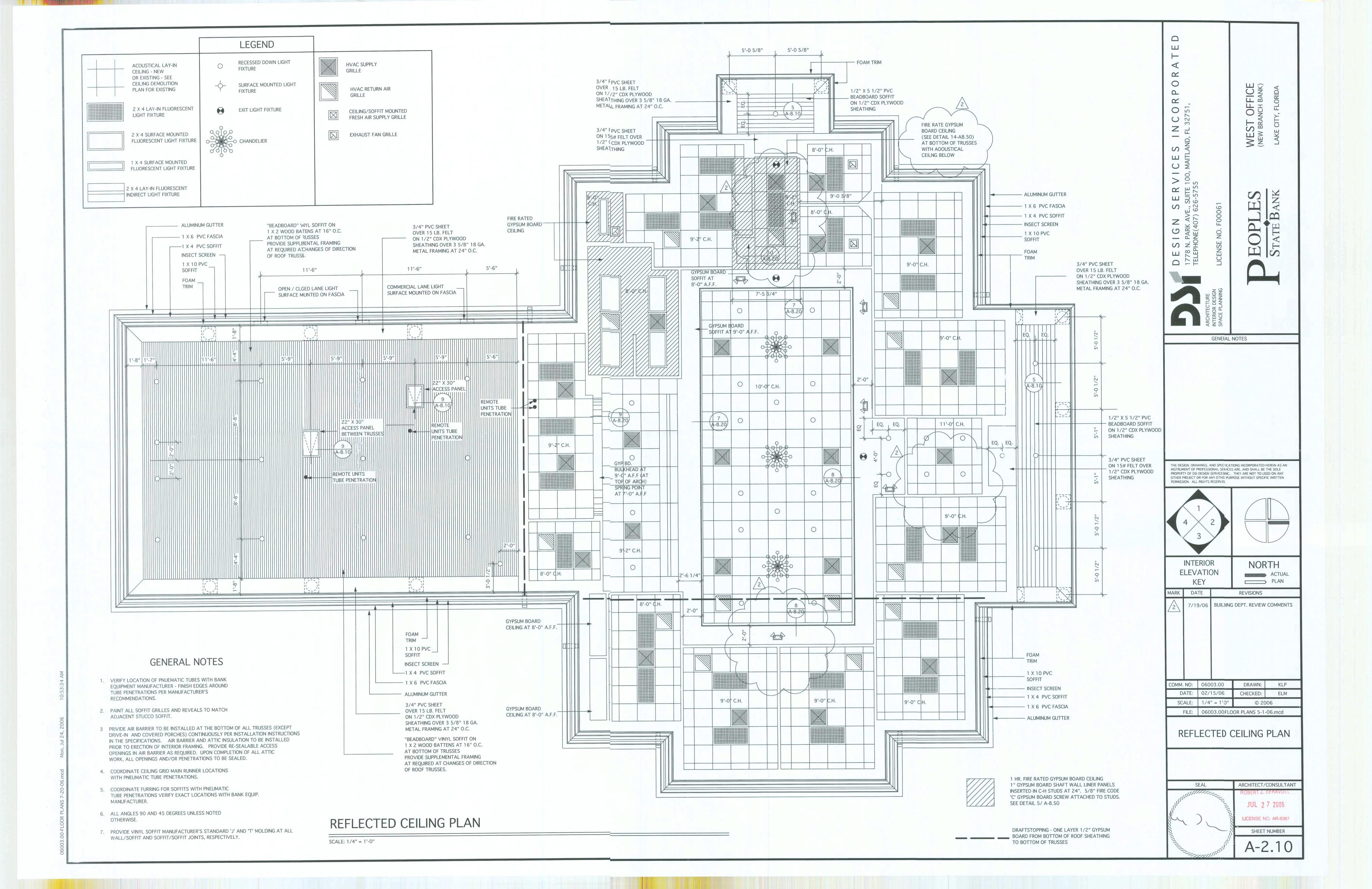
	CONNECTED(KVA)	DE	DEMAND(KVA)
LIGHTING	13.81	<b>9</b> 1.0	13.81
RECEPTACLES	17.56 FIRST 10KW	<b>©</b> 1.0	10.00
EQUIPMENT LOADS APPLIANCE LOADS	REMAINDER 2.00 2.40	● 0.50 ● 1.0 ● C.75	3.78 2.00 2.20
HVAC LOADS  MOTOR LOAD  HEATING LOAD  COOLING LOA	S 3.16 D 18.73	<b>9</b> 0.80	3.18
	LARGER 18.73		18.73
		TOTAL	53.70
+25% LGST MOTOR			0.39
+25% LTG			3.46
		TOTAL	57.54

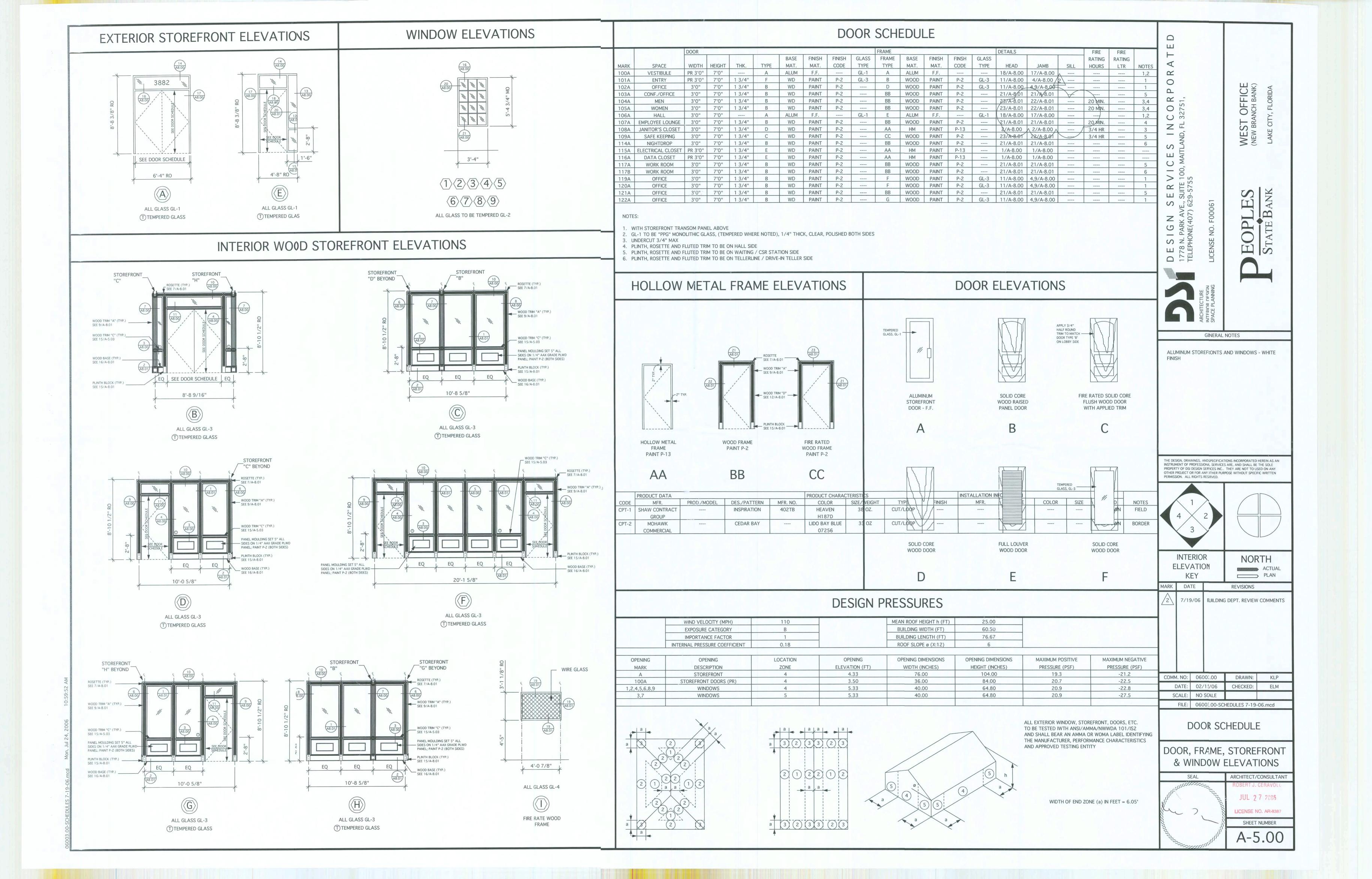


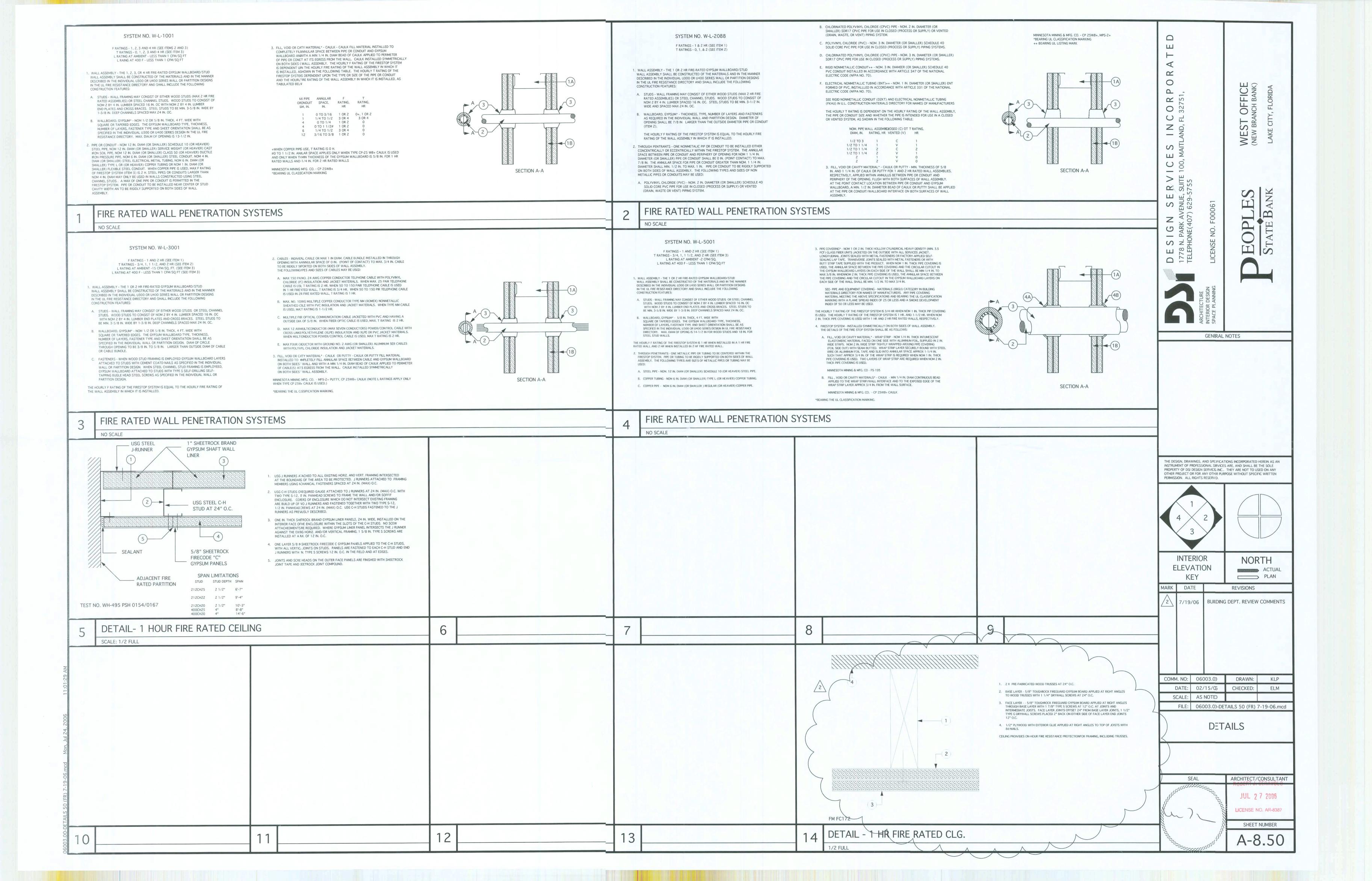


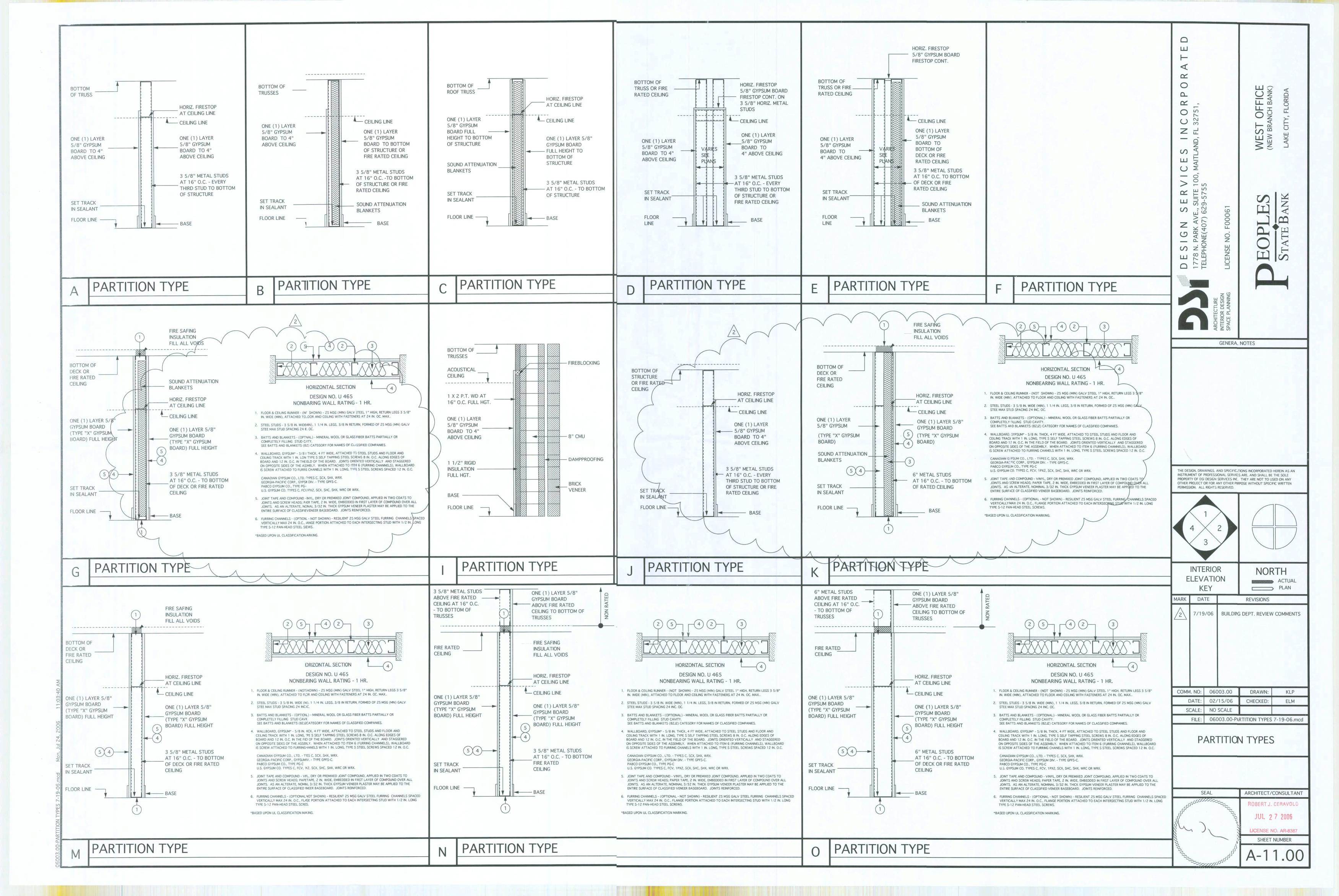


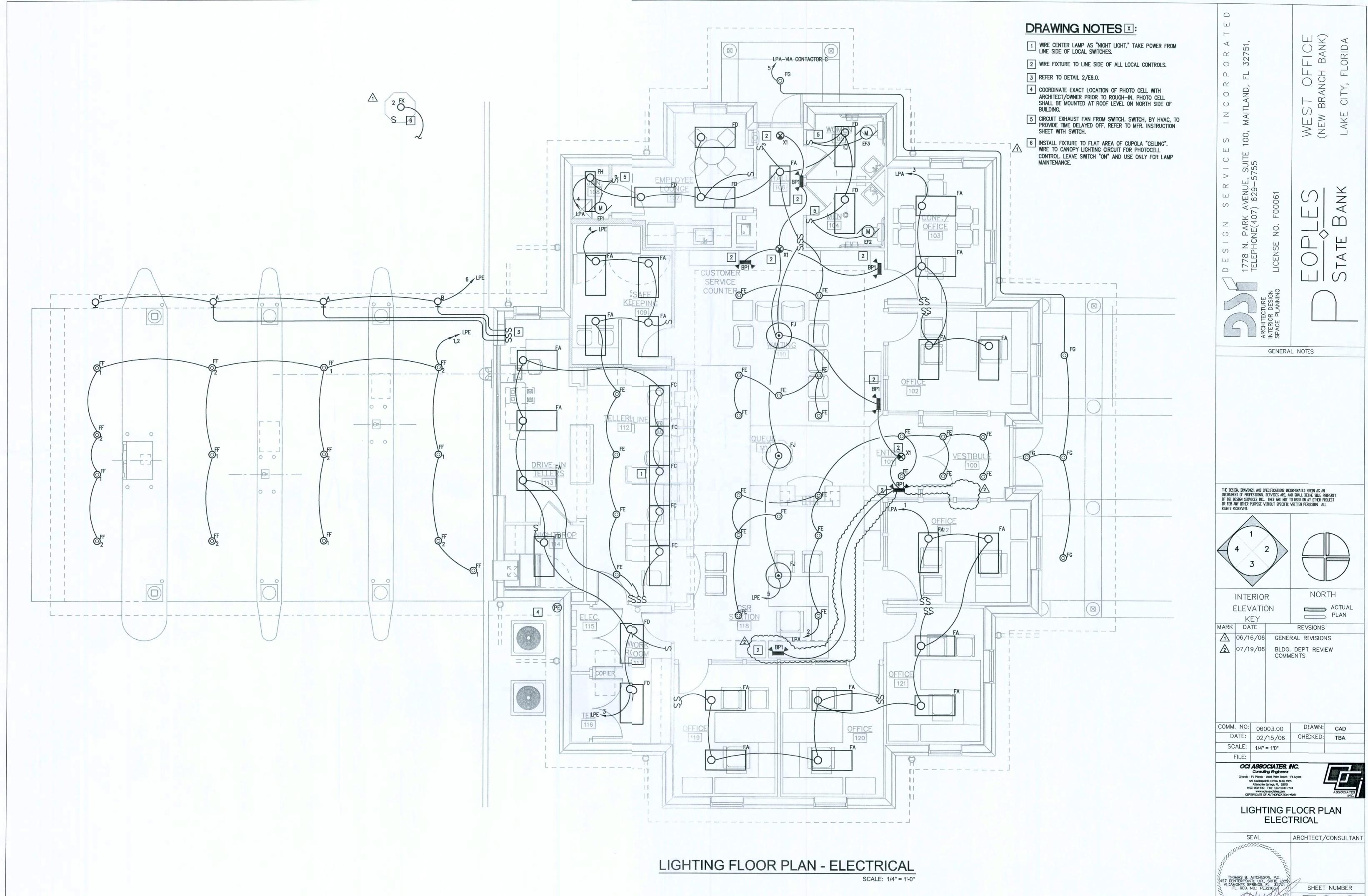






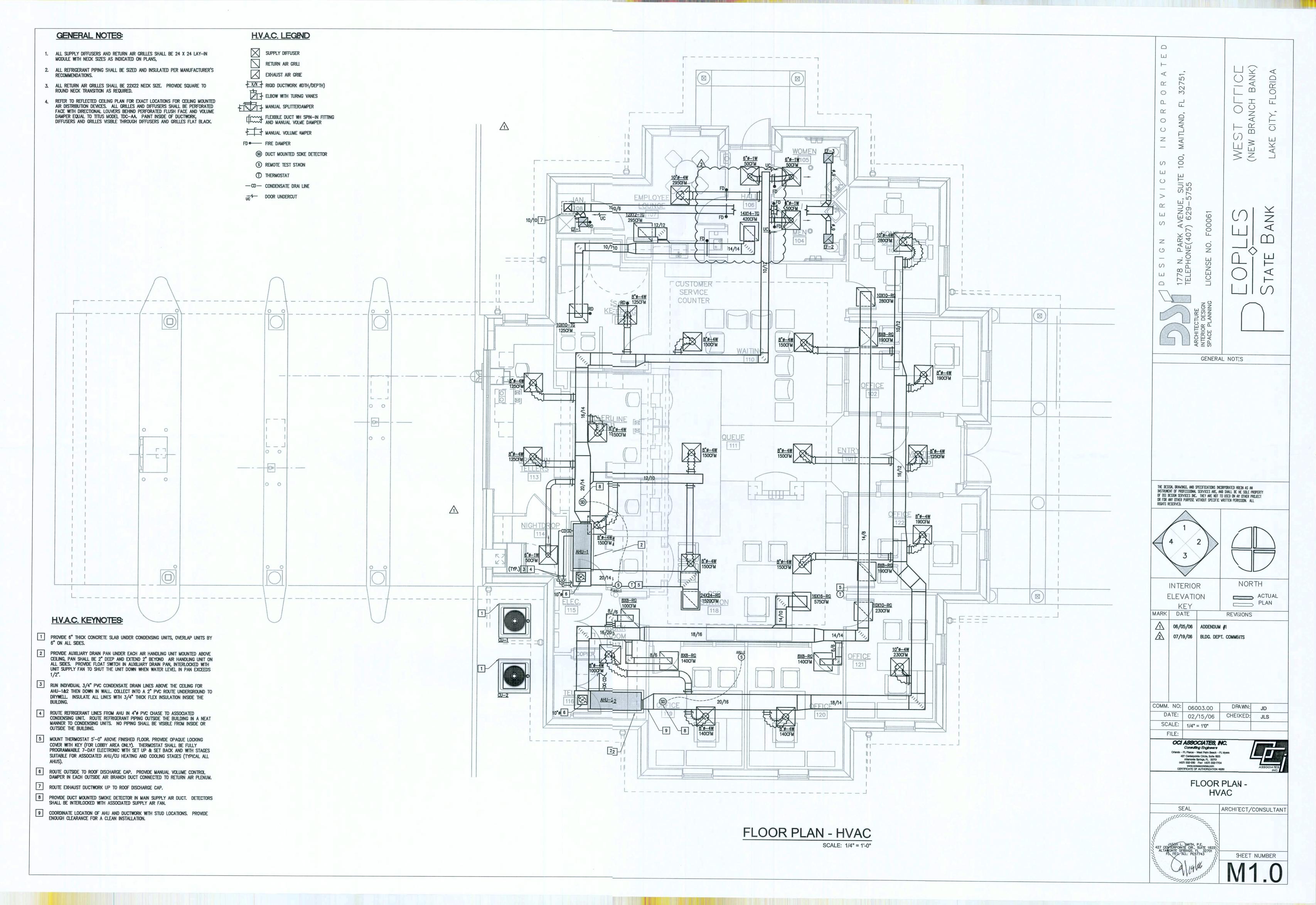




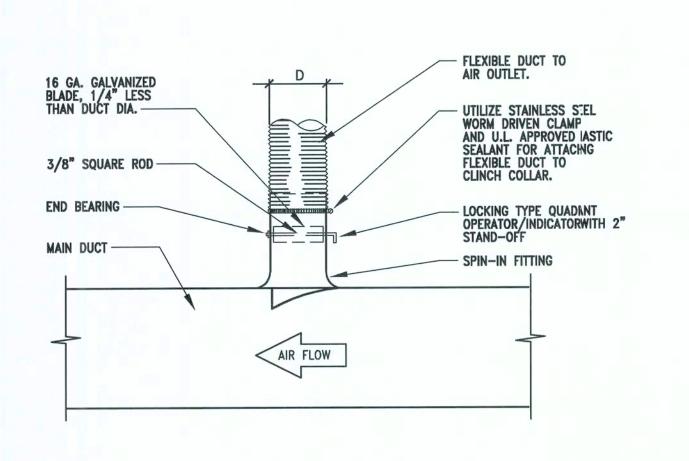


6 JUL 2006 <11:29:47AM EST> \\06 JOBS\06046 - PEOPLE'S STATE BANK WEST OFFICE\DWGS\06

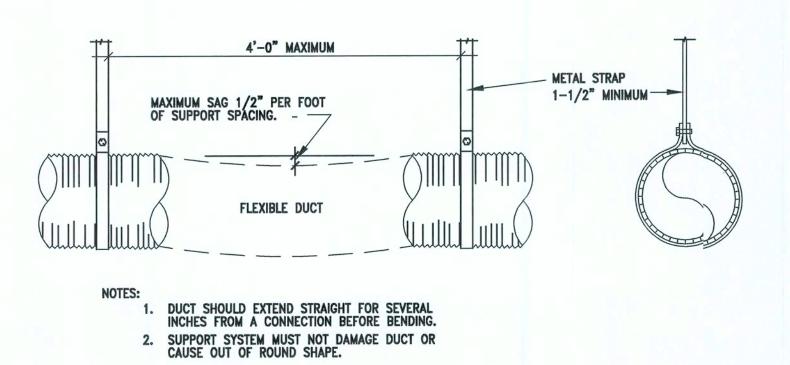
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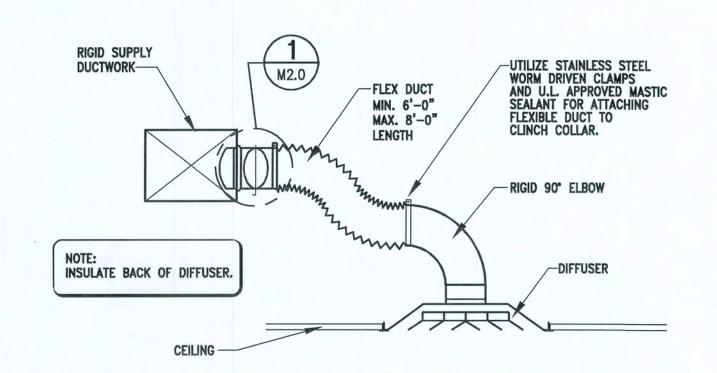
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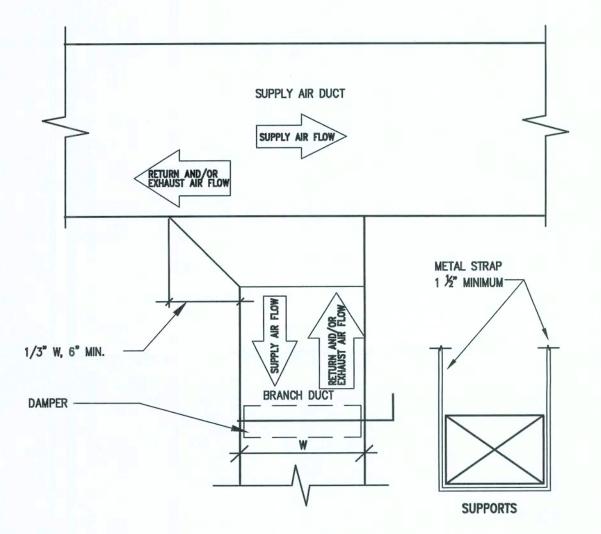
SPIN-IN BRANCH CONNECTION TO SINGLE AIR OUTLET 1 M2.0



FLEX DUCT SUPPORT



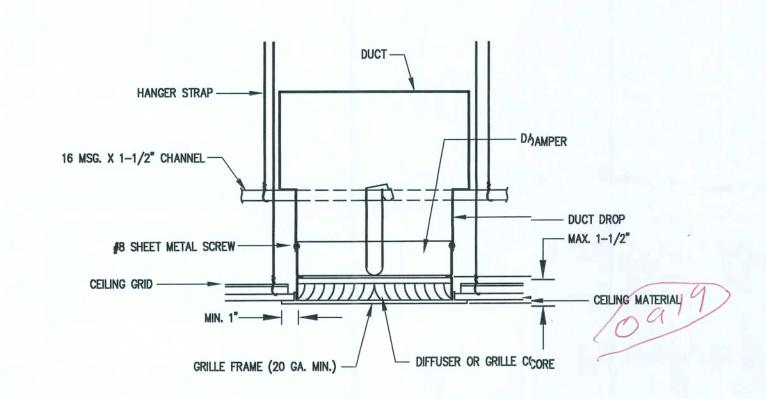
DIFFUSER AND FLEX DUCT DETAIL



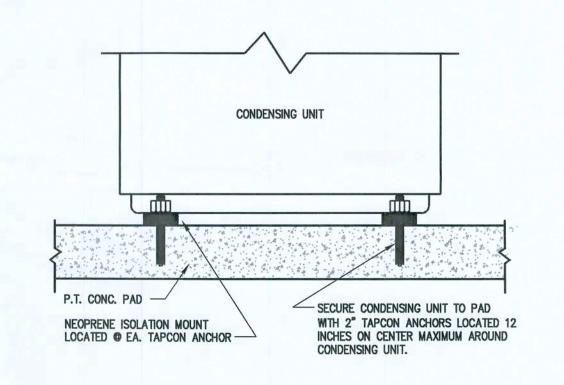
DUCT WITH SPLITTER

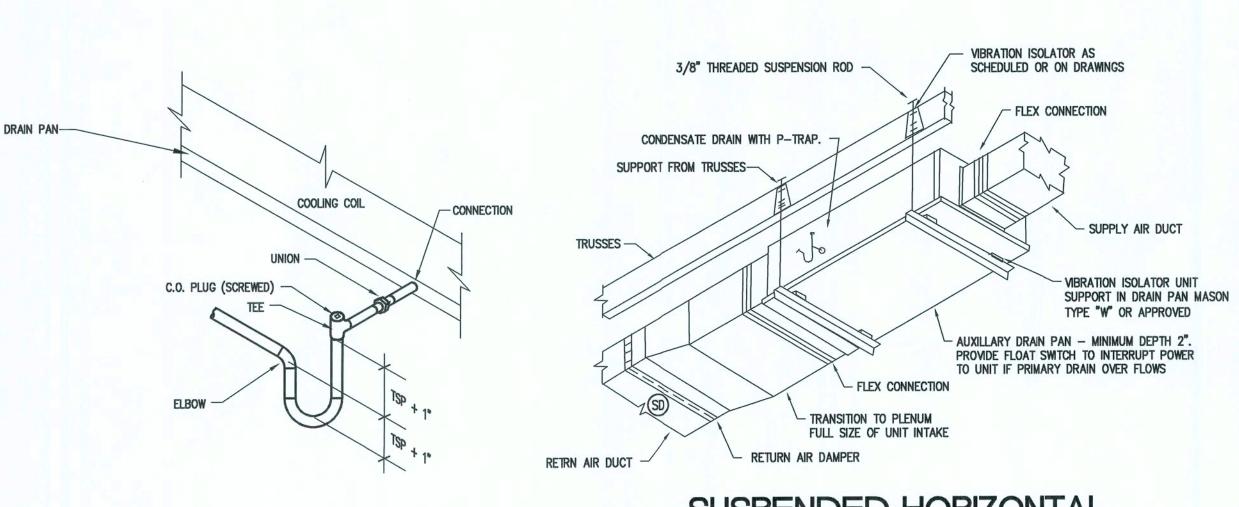
DAMPER AT SINGLE BRANCH

M2.0

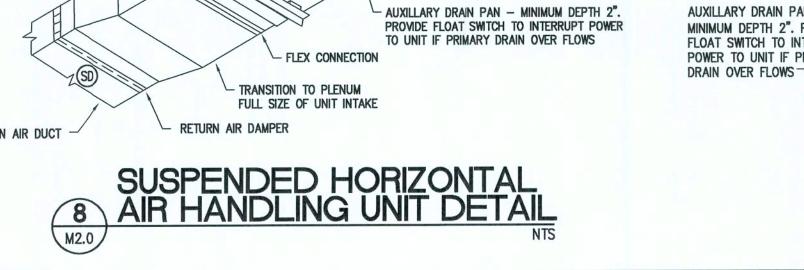


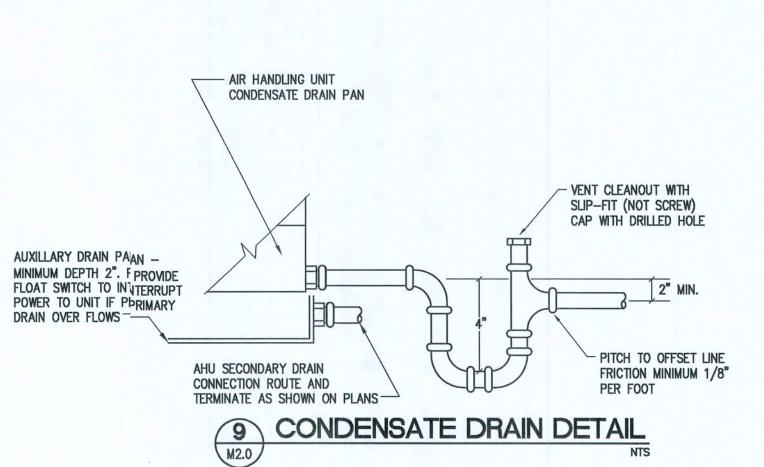
5 DIFFUSER/GRILLE RADIANT DIAMPER DETAIL
NTS 6 CONDENSING UNIT AT PAD DETAIL
NTS M2.0 NTS

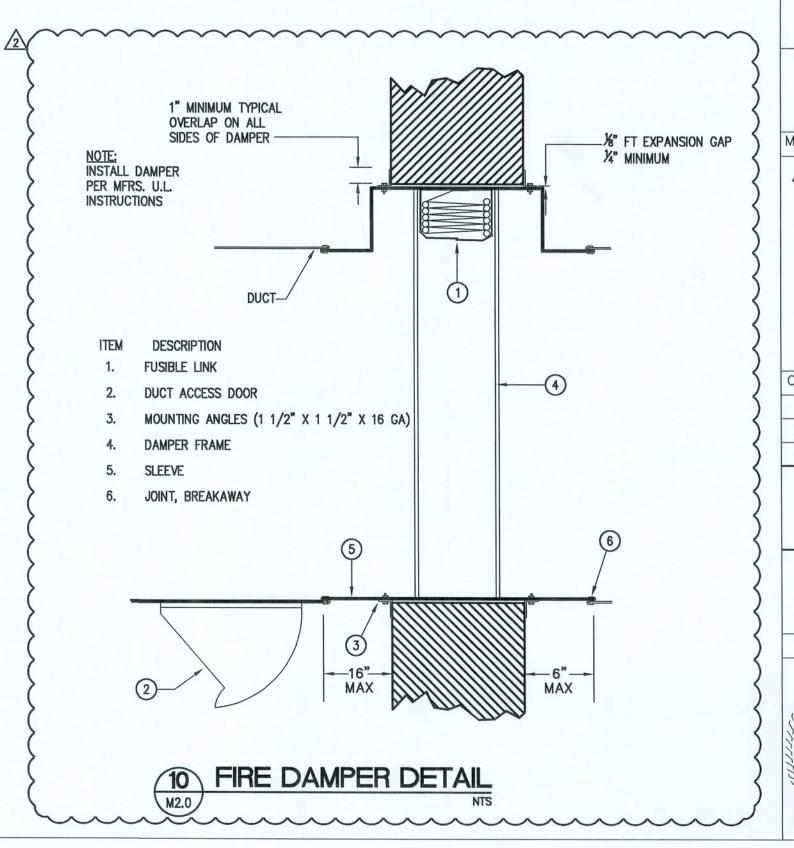


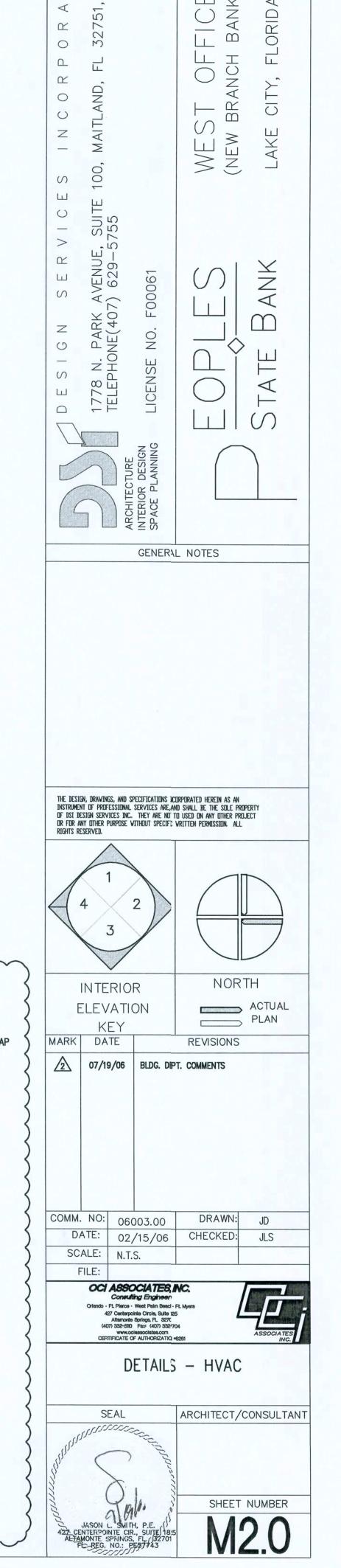


7 CONDENSATE DRAIN DETAIL
NTS









# SITE AND DEVELOPMENT PLANS

**FOR** 

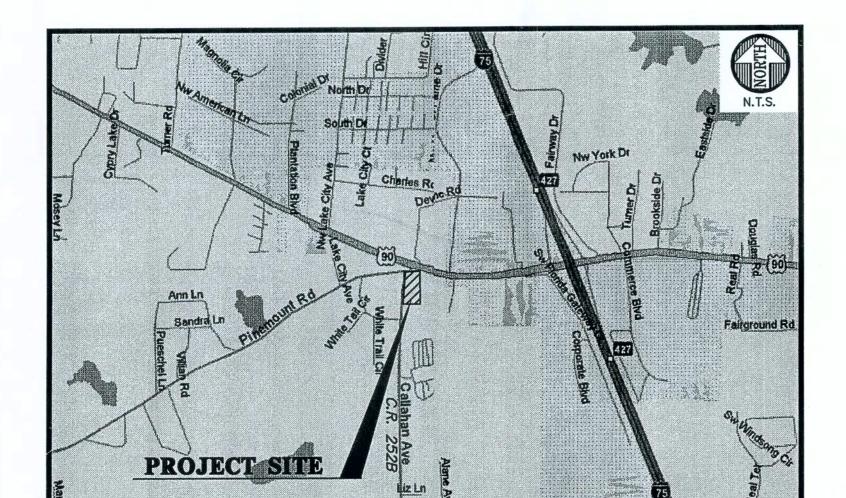
## PEOPLES STATE BANK 3882 WEST U.S. HWY 90 LAKE CITY, FLORIDA

PREPARED FOR:

LAKE CITY SUWANNEE RIVER WATER MANAGEMENT DISTRICT FLORIDA DEPARTMENT OF TRANSPORTATION

MAY 3, 2006

SHEETS	INDEX
C0.00	COVER SHEET/CONTENTS OF SET
C0.10	GENERAL MOTES AND LEGEND
C0.20	DEMOLITION SITE PLAN
C1.00	HORIZONTAL CONTROL AND SITE PLAN
C2.00	PAVING, GRADING, DRAINAGE AND UTILITY PLAN
C2.10	CONSTRUCTION DETAILS
1 OF 1	TOPOGRAPHIC SURVEY



**VICINITY MAP** 

#### **OWNER/DEVELOPER**

PEOPLES STATE BANK GIL MILLER, VICE PRESIDENT/COMMERCIAL LOAN OFFICER P.O. BOX 2199 LAKE CITY, FL 32056-2199 (386) 754-0002

#### CIVIL ENGINEER

CAUSSEAUX & ELLINGTON, INC. FRORY P. CAUSSEAUX, P.E. 6011 NW 1ST PLACE GAINESVILLE, FL 32607 (352) 331-1976

#### SURVEYOR OF RECORD

BRITT SURVEYING L. SCOTT BRITT, PSM 830 WEST DUVAL STREET LAKE CITY, FL 32055 (386) 752-7163

#### **ARCHITECT**

DSI ARCHITECTS EDDIE MUSE 17778 N. PARK AVE., SUITE 100 MAITLAND, FL 32751 (407) 629-5755

### **DEVELOPMENT NOTES**

1. DEVELOPMENT DATA:			
	PERCENT		
TOTAL AREA =	87,973 S.F.	100.0%	2.01 ACRES
BUILDING AREA =	3,164 S.F.	3.6%	
PAVED AREA INCLUDING SIDEWALKS =	25,537 S.F.	29.0%	
TOTAL IMPERVIOUS AREA =	28,701 S.F.	32.6%	
OPEN SPACE =	59,272 S.F.	67.4%	

2. LAND USE DESIGNATION = COMMERCIAL HIGHWAY INTERCHANGE

3. ZONING DESIGNATION = CHI, COMMERCIAL HIGHWAY INTERCHANGE

REQUIRED - 1 SPACE/150 S.F. BUILDING AREA = 3,164/150 = 21

25 REGULAR SPACES + 2 HANDICAP SPACES = 27 TOTAL SPACES OR 1 SPACE/118 S.F. BUILDING AREA (3,164 S.F.).

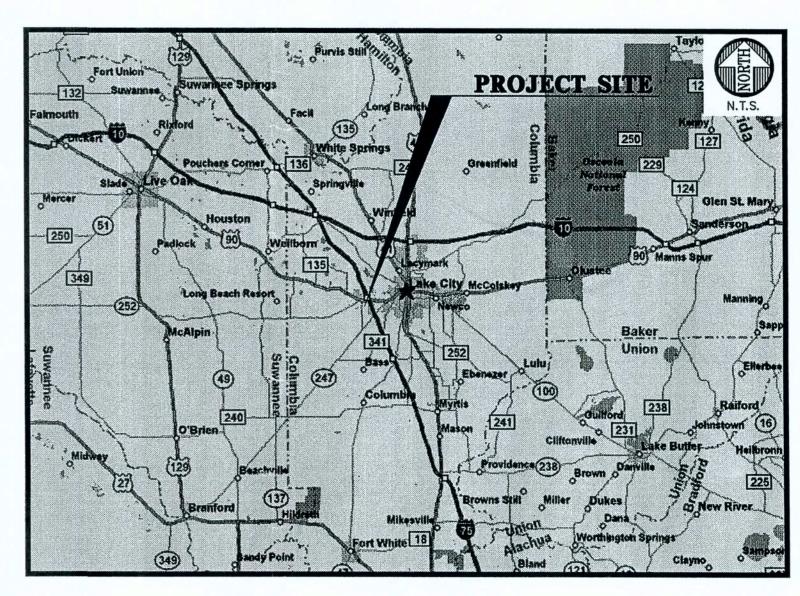
AND RECOVERY. THE PROJECT SHALL COMPLY WITH ALL NPDES REQUIREMENTS.

- WASTEWATER SERVICE SHALL BE PROVIDED BY CONNECTION TO THE EXISTING ON-SITE WASTEWATER FACILITIES.

TELECOMMUNICATIONS FACILITIES.

7. REFUSE COLLECTION: AN ON—SITE DUMSTER WITH SCREENING SHALL PROVIDE REFUSE COLLECTION

8. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FLORIDA D.O.T. STANDARDS.



**LOCATION MAP** 

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### SITE GENERAL NOTES

- 1. THE TOPOGRAPHIC AND BOUNDARY INFORMATION SHOWN HREON IS BASED ON A SURVEY AS PREPARED BY BRITT SURVEYING AND DATED 3/21/06.
- 2. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVMENT, OR FACE OF CURB UNLESS OTHERWISE NOTED.
- 3. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
- 4. ALL WORK PERFORMED IN THE US 90 RIGHT-OF-WAY SHAL BE IN COMPLIANCE WITH THE LATEST F.D.O.T. STANDARDS AND THE FDOT PERMIT. INFORM FDOT INSPECTORS 24 HOURS PRIOR TO COMMENCING ANY WORK IN THE RIGHT-OF-WAY AND IN ACCORDANCE WITH THE FDOT PERMIT. ALL WORK PERFORMD IN THE CR 252B RIGHT-OF-WAY SHALL BE IN COMPLIANCE WITH THE LATEST FDOT STANDARDS AND THE COLUNBIA COUNTY PERMIT. PROVIDE A MINIMUM OF 24 HOURS NOTICE TO COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO STRTING CONSTRUCTION IN THE CR 252B RIGHT-OF-WAY.
- 5. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORNGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
- 6. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APILICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND SOILS ENGINEER APPLICABLE REGULATORY GENCIES AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS. CONTRACTOR TO VERIFY ALL TESTIIG WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY D.MAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
- 9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS
- 10. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- 11. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. I WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHR CONTRACTORS AND UTILITY COMPANIES.
- 12. REPAIR AND REPLACEMENT OF ALL PRIVATE AND PUBLIC ROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THEN EXISTING CONDITIONS REFORE COMMENCING CONSTRUCTION WORK UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- 13. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
- 14. ALL HANDICAP RAMPS SHALL COMPLY WITH ADA, STATE & FLORIDA ACCESSIBILITY CODES AND STANDARDS, COLUMBIA COUNTY STANDARDS, AND FLORIDA DEPARTMENT OF TRANSPRITATION SPECIFICATIONS.
- 15. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOO'S. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDINGON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WID'H AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODEFOR BUILDING CONSTRUCTION.
- 16. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTIUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER AND APPROVED BY THE ARCHITECT. THE CONTRACTOR SHALL FUNISH ALL FILL REQUIRED.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM IS DETERMINED BY THE OWNER.
- 18. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW ITE CONSTRUCTION. ANCHOR TO EXISTING FENCE, OR INSTALL PER FDOT INDEX 102. PROVIDE TOE-IN FOR EITHER OPTION. IAINTAIN FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. SEE SHEET C2.10 FOR SILT FENCE DTAIL.
- 19. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THEPLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARANGEMENTS FOR PROTECTION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE QUITION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPAN.
- 20. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDE. TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION. BY CALLING THE FLORIDA SUNSHINE STATE ONE—CALL CENTER, INC. AT 1—800—432—4770. IT IS THE CONTRACTOR'S RESPONSIBILTY TO NOTIFY "SUNSHINE" FORTY—EIGHT (48) HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LICATIONS.
- 21. RECORD DRAWINGS: THE CONTRACTOR SHALL BE RESPONIBLE FOR RECORDING INFORMATION ON A SET OF THE APPROVED PLANS CONCURRENTLY WITH CONSTRUCTION PROGRESS. WITHII TWO WEEKS FOLLOWING FINAL INSPECTION THE CONTRACTOR SHALL SUBMIT ONE SET OF DRAWINGS TO THE ENGINEER OF LECORD. THE FINAL RECORD DRAWINGS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- A. DRAWING TO BE LEGIBLY MARKED TO RECORD ACTUAL COISTRUCTION.
- B. DRAWINGS SHALL SHOW ACTUAL LOCATION OF ALL UTILITIES AND RELATED ITEMS, BOTH ABOVE AND BELOW GROUND. ALL CHANGES TO PIPING LOCATION INCLUDING HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES SHALL BE CLEARLY SHOWN AND REFERENCED TO PERMANENT SURFACE IMPROVEMENTS. IRAWINGS SHALL ALSO SHOW ACTUAL INSTALLED PIPE MATERIAL.
- C. DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF IMENSION AND DETAIL.
- D. DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT ON OFGINAL CONTRACT DRAWINGS BUT CONSTRUCTED IN THE FIELD. ALL EQUIPMENT AND PIPING RELOCATIONS SHALL BE CLEARL' SHOWN.
- E. LOCATIONS OF ALL MANHOLES, HYDRANTS, VALVES AND WLVE BOXES SHALL BE SHOWN.
- 22. SEE ARCHITECT PLANS FOR DETAILS OF ALL BUILDING CONSTRUCTION IMPROVEMENTS.

#### PAVING, GRAIDING AND DRAINAGE GENERAL NOTES

- 1. ALL CONCRETE USED SHALL BE 3,000 PSI MINIMUM.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON—SITE EROSION/SEDIMENTATION AAND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:
- A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF—SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER F.D.O.T. INDEX NUMBER 102 TO PREVENT OFF—SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS; SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON—SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORRIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURESS SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND FREPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.
- NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
- B. ALL INLET STRUCTURES AND PIPPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED IN THE FDOT STANDARDS. IF SILTATION OCCURS THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONALL COST TO THE OWNER.
- C. PERMANENT VEGETATIVE STABILIAZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.
- D. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTICON OPERATION.
- 3. CONTRACTOR SHALL SUBMIT FORR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED) ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
- 4. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBILE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.
- 5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
- 6. IF LIMEROCK IS ENCOUNTERED DOURING EXCAVATION OF THE SWALES/BASINS OR IF A SINKHOLE FORMS IN THE AREA OF A DRAINAGE SWALE/BASIN, THE ENGINEER OF RECORD SHALL BE NOTIFIED BY EITHER THE CONTRACTOR OR THE ESTABLISHED OPERATION AND MAINTENANCE ENTITY. THE ENGINEER OF RECORD SHALL INSPECT THE REPAIRED AREA UPON COMPLETION OF THE REPAIR.
- ALL SWALES/BASINS SHALL BE INSSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHALL BE REPAIRED AS SOON AS POSSIBLE. REPAIR SHALL INCLUDE FILLING (LIMEROCK SUCH AS ROAD BASE MATERIAL, CLAY/SAND MIXTURE, OR CONCRETTE IF NECESSARY). A TWO FOOT DEEP CAP THAT EXTENDS TWO FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHALL HAVE AT LEAST 20% PASSING THE NO. 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2%-4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT CONCENTRATION OF WATERS (PONDING) AND RE-VEGETATED.
- 7. THE ASPHALT MIXTURE SHALL BBE SUPPLIED BY AN FDOT CERTIFIED PLANT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.
- 8. PROPOSED SPOT ELEVATIONS REEPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
- 9. ALL CONSTRUCTION SHALL COMPPLY WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS PER THE "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, 2006, TOPIC NO. \$25-010-003, ENGLISH UNITS".
- 10. THE CONTRACTOR SHAPL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AAS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURREENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.

#### WATER AND WASTEWATER GENERAL NOTES

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AND

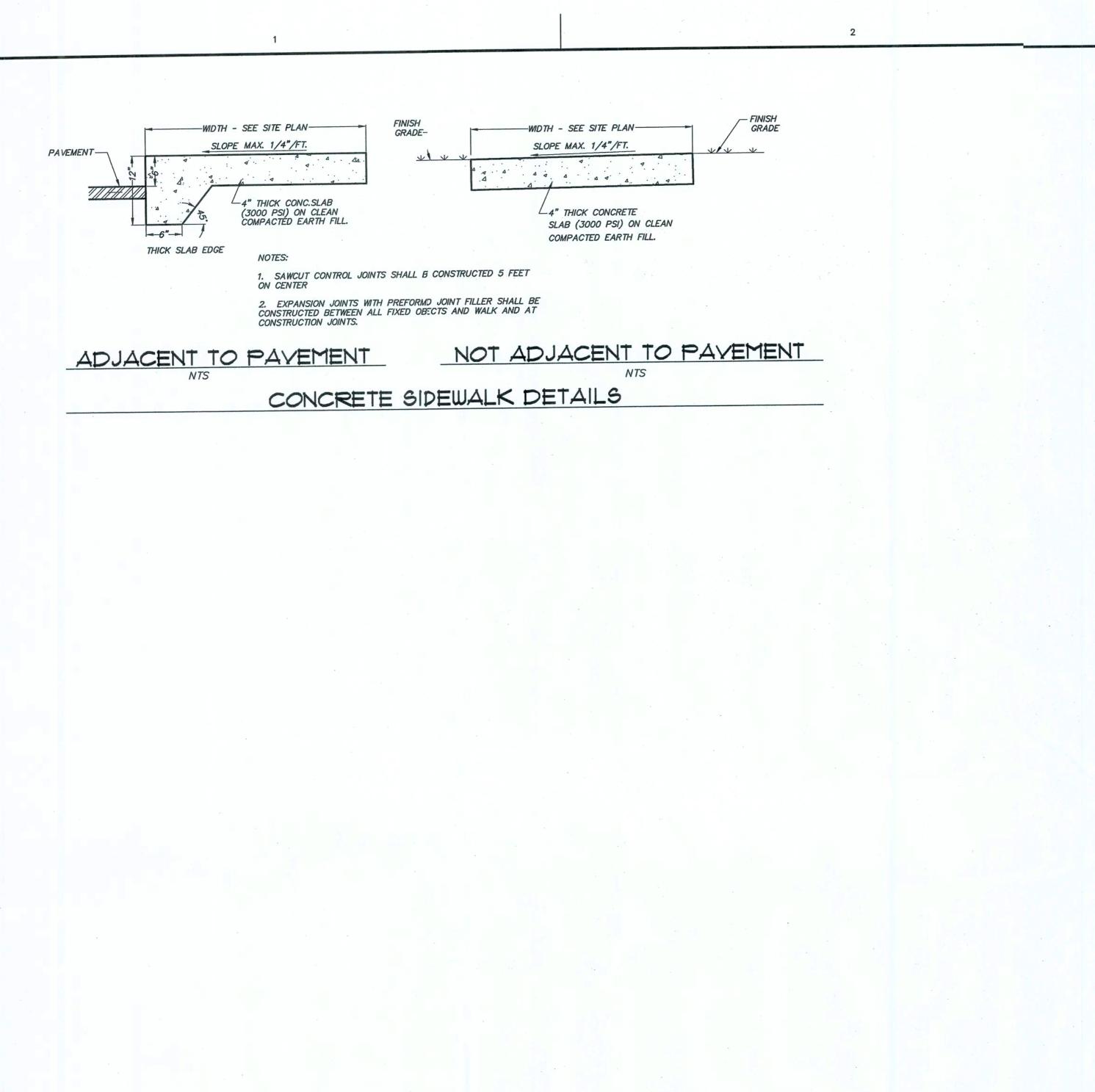
- 1. ALL WATER AND WASTEWATER INSTALLATION CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST LOCAL STANDARDS AND SPECIFICATIONS, INCLUDING PRESSURE TESTING AND BACTERIOLOGICAL CLEARANCE PRIOR TO PLACING THE SYSTEM IN USE.
- 2. IF THE VERTICAL CLEARANCE AT CROSSING POINTS OF WATER AND SANITARY SEWER LINES IS LESS THAN 18" (IN), THE SANITARY SEWER LINE SHALL THEN BE ENCASED IN 2500 PSI CONCRETE FOR 10' (FT) EACH SIDE OF THE CROSSING POINT.
- 3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION. BY CALLING THE FLORIDA SUNSHINE STATE ONE—CALL CENTER, INC. AT 1—800—432—4770. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" FORTY—EIGHT (48) HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS.
- 4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND DEMOLITION SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION OR DEMOLITION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRICR TO CONTINUING CONSTRUCTION.
- 5. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE, FAILURE TO OBTAIN ENGINEER'S REVIEW BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE, ENGINEER'S REVIEW OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
- 6. ALL SANITARY SEWER SERVICE LATERALS SHALL BE 6" PVC SDR35 WITH A CLEAN—OUT LOCATED PER THE PLANS MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.60%. CLEANOUTS LOCATED WITHIN GRASSED AREAS SHALL BE PVC WITH THREADED CAP AT GRADE. CLEANOUTS LOCATED WITHIN PAVED AREAS SHALL BE TRAFFIC BEARING WITH BRASS CAPS AT GRADE.
- 7. ALL WATER MAINS 3" IN DIAMETER OR LESS AND ASSOCIATED FITTINGS SHALL BE PVC, SCHEDULE 40. ALL WATER MAINS SHALL BE CONSTRUCTED AT A DEPTH OF 36" MINIMUM BELOW FINISHED GRADES. ALL MAINS GREATER THAN 3" SHALL BE DR18 PVC.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.

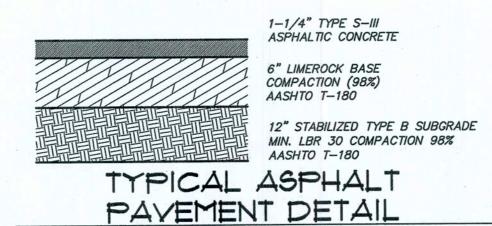
		LEGE	EN	D	
	99	EXISTING ELEVATION CONTOUR			NEW BUILDING
	93.2 ×	EXISTING SPOT ELEVATION	PLAN		NEW ASPHALTIC PAVEMENT
	x	EXISTING FENCE	TE PI	* 4	NEW CONCRETE PAVEMENT
	- <del></del>	EXISTING SANITARY SEWER LINE & MANHOLE	SI	<b>→</b>	NEW TRAFFIC FLOW ARROW
	—₩ —	EXISTING WATER LINE & VALVE		<u>— тв</u> —	NEW TREE BARRICADE
		EXISTING STORM LINE & STRUCTURE		0	NEW WATER METER
	— Е —	EXISTING ELECTRIC LINE	13	<b>→</b>	NEW WATER MAIN WITH GATE VALVE & BO.
	-OPL	EXISTING OVERHEAD POWER LINE	UTILITIES	<b>⊕</b>	NEW FIRE HYDRANT ASSEMBLY
	-GAS	EXISTING GAS LINE	72	MH#2	NEW MANHOLE AND SEWER MAIN
9	<b>\$</b>	EXISTING LIGHT		C/O INV= 0	NEW CLEANOUT
EXISTING	Ø	EXISTING UTILITY POLE		FF=	NEW FINISH FLOOR ELEVATION
Ä	O	EXISTING WOOD POWER POLE	١,,,	—SF —	NEW SILT FENCE LINE
	te	EXISTING TELEPHONE PEDESTAL	DRAINAGE		DRAINAGE DIVIDE
	$\rightarrow$	EXISTING GUY ANCHOR	DRAI	-050-	NEW ELEVATION CONTOUR
	W	EXISTING WELL	AND		NEW DRAINAGE SWALE
		EXISTING WATER METER	1	•	NEW 18" AREA DRAIN
	常	EXISTING FIRE HYDRANT	GRADING,		NEW STORM SURFACE INLET
	—те —	EXISTING UNDERGROUND TELEPHONE LINE			NEW STORM CURB INLET
	6	EXISTING TREE (SIZE & TYPE)	VING,	<b>⑤</b> −10	NEW STORM STRUCTURE IDENTIFICATION
		EXISTING STRUCTURE	PAV	.100.00	NEW SPOT ELEVATION
	•	PROJECT BENCHMARK	1	n	DIRECTION OF SURFACE DRAINAGE FLO

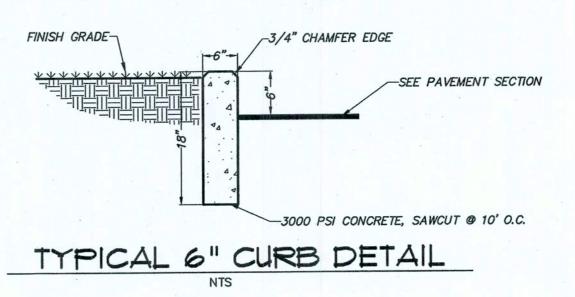
THIS STANDARD LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT FOUND IN THIS SET OF PLANS

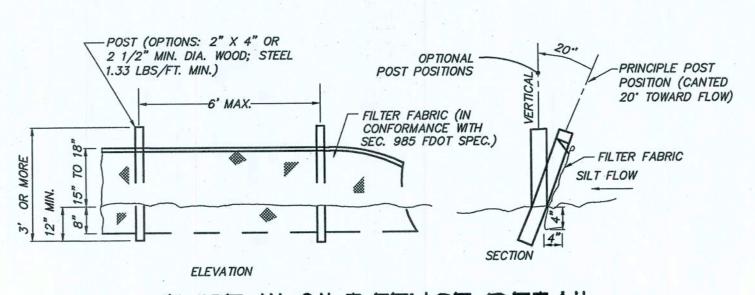
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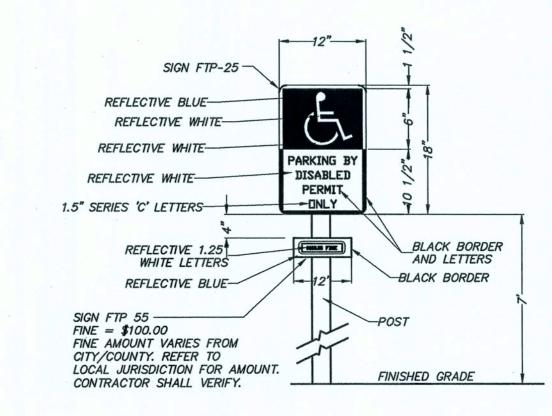








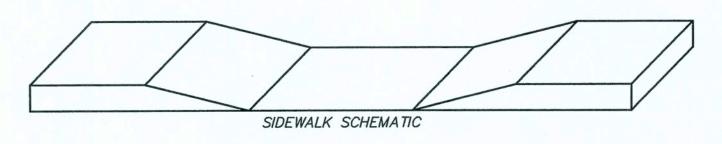
TYPE III SILT FENCE DETAIL

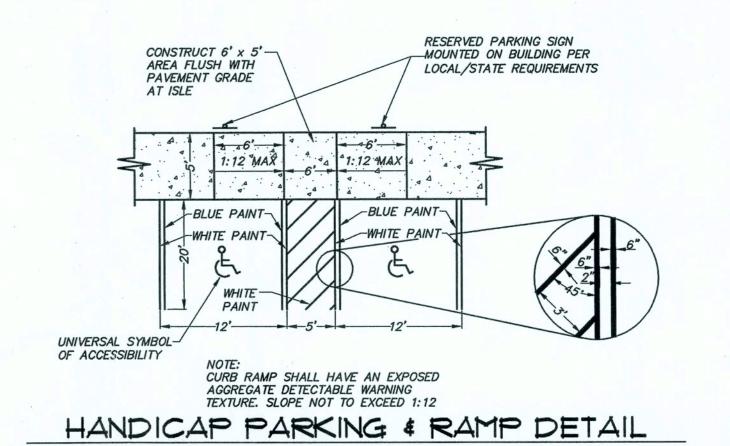


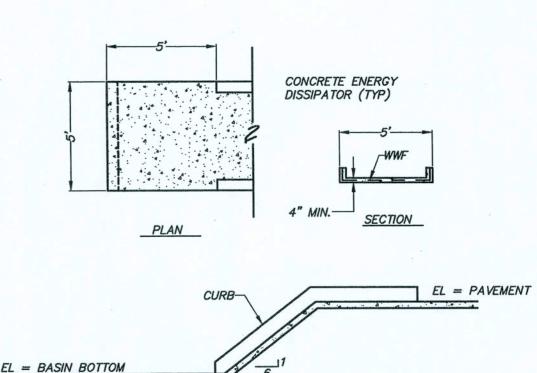
SIGN NOTES:

1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

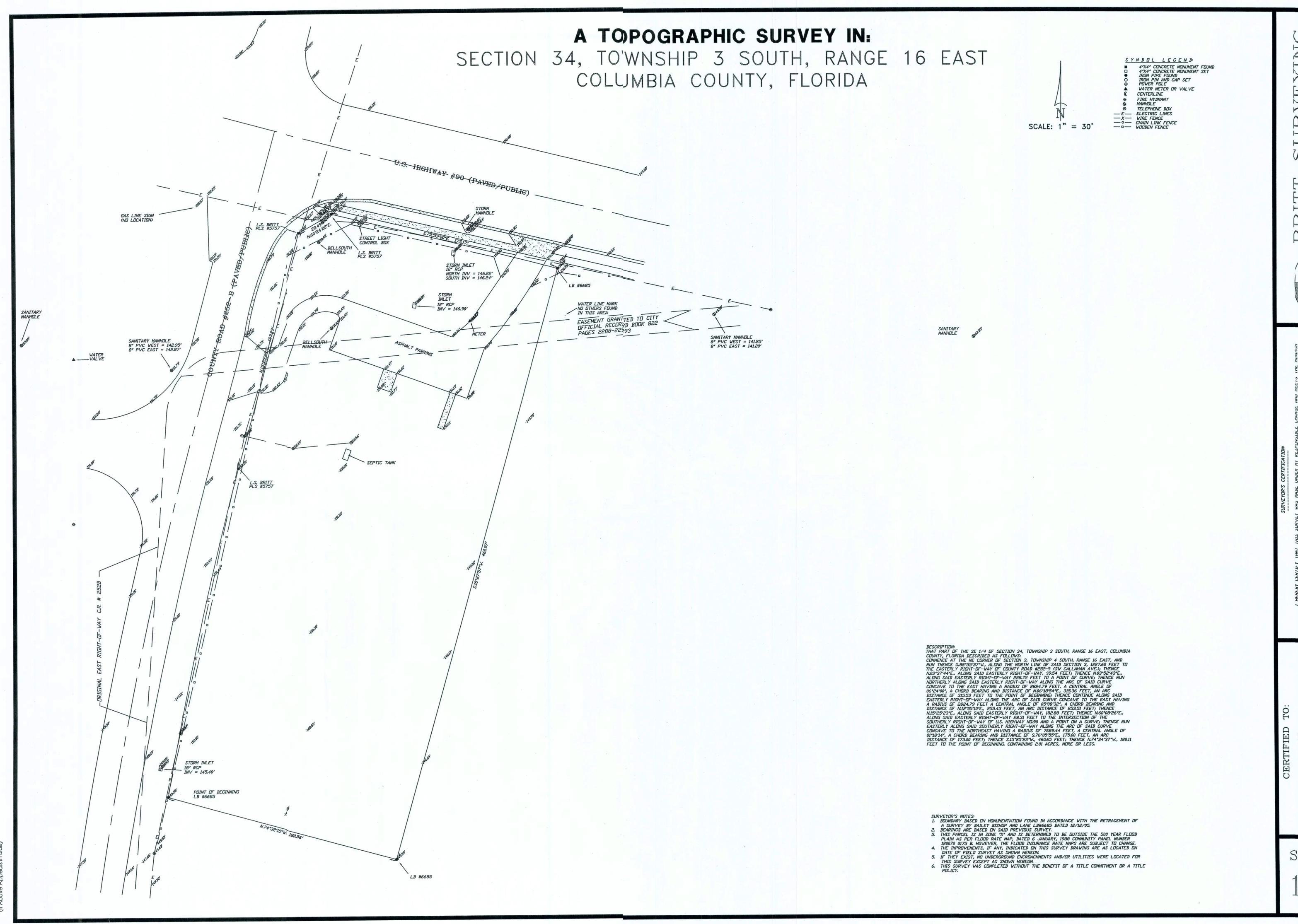
H.C. PARKING SIGN DETAIL







CONCRETE SPILLWAY DETAIL



BRITT SURVEYORS AND MAPP 830 WEST DUVAL STREET
LAKE CITY, FLORIDA 3205
TELEPHONE, (386) 752-7163 FAX, (386) 752

RIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA SI

03/21/06

DRAWING DATE

CERTIFICATION # 5757

SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SU

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