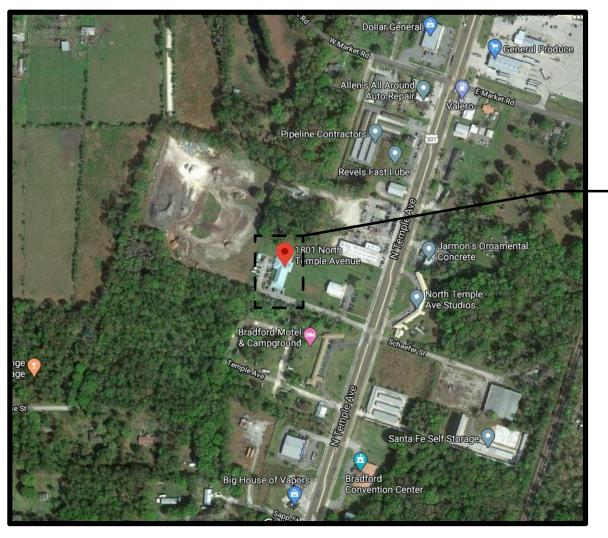


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BRADFORD CHD IMPROVEMENTS STARKE, FLA



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PROJECT LOCATION

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LOCATION MAP SCALE: SCALE: N.T.S.

CONFERENCE ROOM IMPROVEMENT PROJECT

1801 TEMPLE AVENUE NORTH STARKE, FL. 32091

ISSUED FOR BIDDING

MARCH 12, 2020

EET INDEX CONFERENCE

SHEET NAME

IOTES, ABBREVIATIONS & SYMBOLS N PLAN, FLOOR PLAN AND INTERIOR ELEVATIONS ND DETAILS

AL SYMBOLS, LEGENDS AND NOTES AL DEMOLITION AND NEW WORK AL DETAILS AND SPECIFICATIONS

AL SYMBOLS, LEGENDS AND NOTES L GENERAL NOTES L DEMOLITION PLANS L NEW WORK PLANS

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ISSUE DATE: MARCH 11, 2020	SOLICITATION NO .:		CONTRACT NO.:	11410200		XX-X-XXX	1	
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FLORIDA DEPARTMENT OF HEALTH	FLORIDA DEPARTMENT OF HEALTH FLORIDA DEPARTMENT OF HEALTH 10199 Southside Blvd., Suite 103 Jacks onville, FL 3226 Phone (904) 543-0400 Fax (904) 543-0400 Fax (904) 543-0203 JOB NO. 1200375							
BRADFORD CHD IMPROVEMENTS STARKE, FLA COVER SHEET								
SHEET ID								
G-002 SHEET OF								

	ARCHI	<u>ECTURAI</u>	L ABBREVIATION	<u>S</u>
A.F.	ACCESS FLOORING	GA.	GAGE OR GAUGE	RAF
A.F.F.	ABOVE FINISHED FLOOR	GALV.	GALVANIZED	RECEP.
ACC. DR.	ACCESS DOOR / PANEL	G.B.F.	GYPSUM BOARD FURRING	REF.
ADAAG	AMERICAN WITH DISABILITIES	GFCI	GOVERNMENT FURNISHED	REINF.
ACCESS.	ACCESSIBILITY GUIDELINES ACCESSORIES	GFGI	CONTRACTOR INSTALLED GOVERNMENT FURNISHED	REQ'D. REV.
ADJ.	ADJUST/ ADJUSTABLE	G.L.	GOVERNMENT INSTALLED	R.D.
ACOUST.	ACOUSTICAL		GIRT LINE	RH
A.B.	ANCHOR BOLT	G.P.	GLOSSY PAINT	RHR
ACT	ACOUSTICAL CEILING TILE	GL.	GLASS	RM.
ANOD.	ANODIZED	GOVT.	GOVERNMENT	R.O.
A.C.	AIR CONDITIONING	GYP.	GYPSUM	RB
AL / ALUM. &	ALUMINUM AND	GYP. BD. (GWB)	GYPSUM BOARD	SC
L	ANGLE	HKS	HOOKS	SCW
APP.	APPROVED	HR.	HANDRAIL	SCHED.
APPROX.	APPROXIMATE	HDW.	HARDWARE	SECT.
ARCH.	ARCHITECTURAL	HGT.	HEIGHT	S.G.P.
@	AT	H.	HIGH	SSK
AT / FP	ANTI TERRORISM / FORCE PROTECTION	H.P.	HIGH POINT	SHT. MET.
AVG.	AVERAGE		HOLLOW METAL	SIM.
A.W.I.	ARCHITECTURAL WOODWORK INSTITUTE		HORIZONTAL	STC
B.H.M.I. BM.	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION, INC. BEAM	HB S H.V.A.C.	HOSE BIBB HEATING VENTILATION & AIR CONDITIONING	SPEC(S) SFRM SQ. ST.
BLKG.	BLOCKING	IN.	INCH	S.S.
BD.	BOARD	I.D.	INSIDE DIAMETER	STD.
BTM.	BOTTOM	INSUL.	INSULATION	STL.
BLDG.	BUILDING	INT.	INTERIOR	STOR.
B.U.R.	BUILT-UP ROOFING	JAN.	JANITOR	STRUCT. SUSP.
CFCI	CONTRACTOR FURNISHED CONTRACTOR	JT.	JANITOR'S CLOSET JOINT	TOIL. / TLT
CH. CPT.	CHANNEL CARPET	JST.		TEL. THK.
CLG. CLG. HT.	CEILING CEILING HEIGHT CENTER	K.P. LAM.	KICK PLATE	T'HOLD TG T/
€ ^{TR.}	CENTER LINE	LDG.	LANDING	TOB
C. TO C.	CENTER TO CENTER	LAV.	LAVATORY	TOC
C.T.	CERAMIC TILE	L.H.	LEFT HAND	T/C
CLR.	CLEAR	LHR	LEFT HAND REVERSE	TOS
C.O.	CLEANOUT	LT.	LIGHT	T/W
CLOS.	CLOSET	LTG.		TU
CO.	COMPANY	LONG.	LONGITUDINAL	TYP.
COL.	COLUMN	LVR.	LOUVER	
CONC. CORR.	CONCRETE CORRIDOR	L.P.	LOW POINT	U.L. UNFIN
COTR	CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	MAS. M.O.	MASONRY MASONRY OPENING	U.N.O.
CMU	CONCRETE MASONRY UNIT	MGR.	MANAGER	VERT.
CONF.	CONFERENCE	MANUF.	MANUFACTURER	VEST.
CONST.	CONSTRUCTION	MATL.	MATERIAL	VCT
CONT.	CONTINUOUS	MAX.	MAXIMUM	VCB
CONTR. C.J.	CONTRACTOR CONTROL JOINT	MECH. MTL. M.W.P.	MECHANICAL METAL	V.T.R.
C.Y. DET.	CUBIC YARD DETAIL	MIN. MISC.	METAL WALL PANEL MINIMUM MISCELLANEOUS	W. W/ W.C.
DIA. DIM.	DIAMETER DIMENSION	N.I.C.	NOT IN CONTRACT	WCO WD.
DISP. DR.	DISPENSER DOOR	NO. (#) NTS	NUMBER NOT TO SCALE	WDV. WDW. W.M.P.
DN.	DOWN	NFPA	NATIONAL FIRE PROTECTION	W/O
D.S.	DOWNSPOUT		ASSOCIATION	W.R.G.B.
DESC. DWG.	DESCRIPTION DRAWING	O.C.	ON CENTER	W.S. W.R.O.
EA.	EACH	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	YD.
ELEC.	ELECTRICAL OR ELECTRIC	OFGI	OWNER FURNISHED	
EL.	ELEVATION	O.H.	GOVERNMENT INSTALLED	
E.W.C.	ELECTRIC WATER COOLER	OPNG.	OPPOSITE HAND	
E.R.D.	EMERGENCY ROOF DRAIN	O.W.	OPENING	
E.P.	EPOXY PAINT	OPP.	OPEN WEB	
ENGR.	ENGINEER	O.D.	OPPOSITE	
EQUIP. EQ.	EQUIPMENT EQUAL	OSHA	OUTSIDE DIAMETER OCCUPATIONAL SAFETY AND	
EXIST. EXP.	EXISTING EXPANSION / EXPOSED	OVHD	HEALTH ACT OVERHEAD	
E.J. (EXP. J1.) EXP. TO STRUCT. EXT.	EXPANSION JOINT EXPOSED TO STRUCTURE EXTERIOR	PDU PT	POWER DISTRIBUTION UNIT PAINT	
ETD	ESTIMATED TRAVEL DISTANCE	PT PR. PNL.	PAIR PAIR PANEL	
FAC.	FACTORY	PART.	PARTITION	
FDC	FIRE DEPARTMENT CONNECTION	PLAS.	PLASTER OR PLASTIC	
FT.	FEET	PL	PLATE	
F.E.	FIRE EXTINGUISHER	PLYWD.	PLYWOOD	
F.E.C.	FIRE EXTINGUISHER CABINET	LBS. OR #	POUNDS	
F.H.C.	FIRE HOSE CABINET	PSF	POUNDS / SQUARE FOOT	
FIN.	FINISH	PSI	POUNDS / SQUARE INCH	
F.P.	FLAT PAINT	P.M.J.F.	PRE-MOLDED JOINT FILLER	
F.F. FLR. F.D.	FINISHED FLOOR FLOOR FLOOR DRAIN	PRE-FAB.	PREFABRICATED	
F.UOR. FLUOR. F.O.G.	FLUOR DRAIN FLUORESCENT FACE OF GIRT	Q.T.		
FTG. FDN.	FOUNDATION			
FV.	FIELD VERIFY			

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GENERAL NOTES:

RAISED ACCESS FLOOR RECEPTIONIST REFERENCE REINFORCEMENT REQUIRED **REVISIONS / REVISED** ROOF DRAIN RIGHT HAND **RIGHT HAND REVERSE** ROOM **ROUGH OPENING** RUBBER BASE

SEALED CONCRETE SOLID CORE WOOD SCHEDULE SECTION SEMI-GLOSS PAINT SERVICE SINK SHEET METAL SIMILAR SOUND TRANSMISSION CLASS SPECIFICATION SPRAYED FIRE RESISTIVE MATERIAL SQUARE STAIN STAINLESS STEEL STANDARD STEEL STORAGE STRUCTURAL SUSPENDED

TOILET TELEPHONE THICK THRESHOLD TEMPERED GLASS TOP OF TOP OF BEAM TOP OF CONCRETE TOP OF CURB TOP OF STEEL TOP OF WALL TOUCH-UP **TYPICAL**

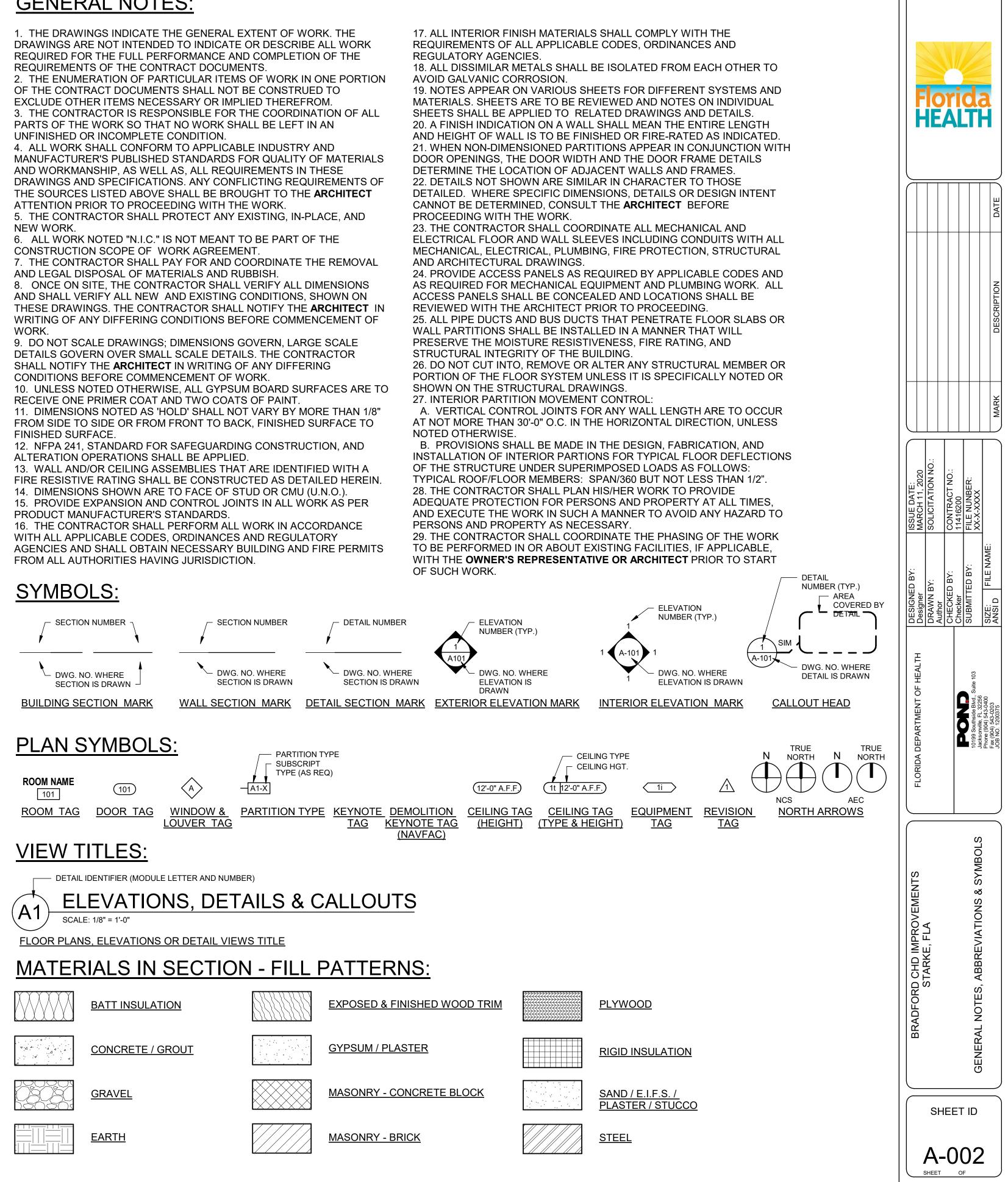
UNDERWRITERS LABORATORIES UNFINISHED UNLESS NOTED OTHERWISE

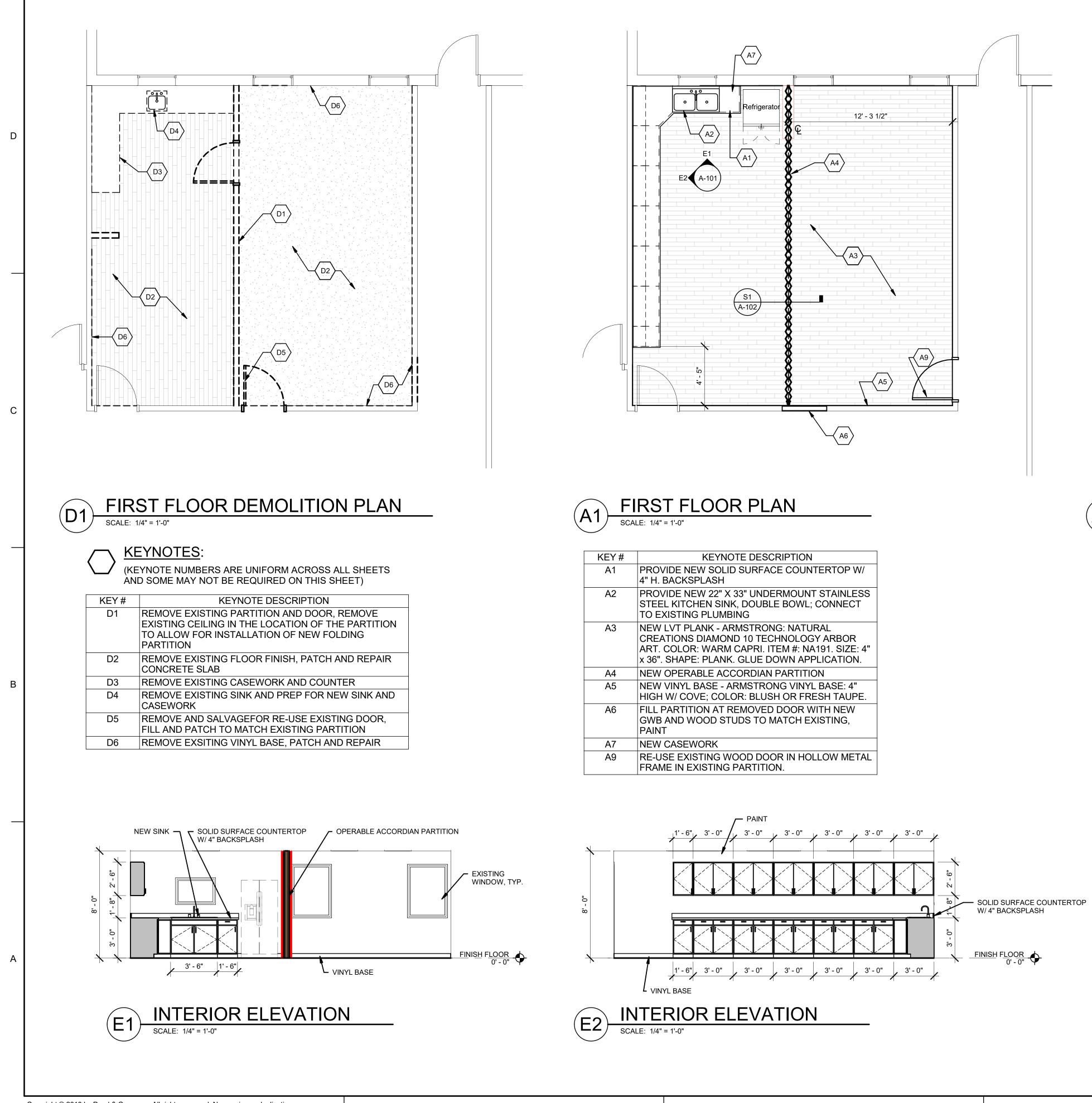
VERTICAL VESTIBULE VINYL COMPOSITION TILE VINYL COVE BASE VENT THRU ROOF

WIDTH WITH WATER CLOSET WALL CLEAN OUT WOOD WINDOW WIRE MESH PARTITION WITHOUT WATER RESISTANT GYPSUM BOARD WEATHERSTRIPPING WINDOW ROUGH OPENING

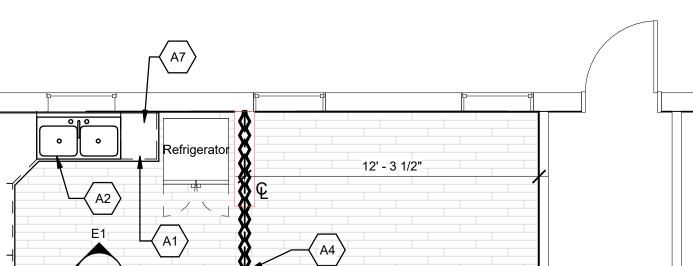
YARD

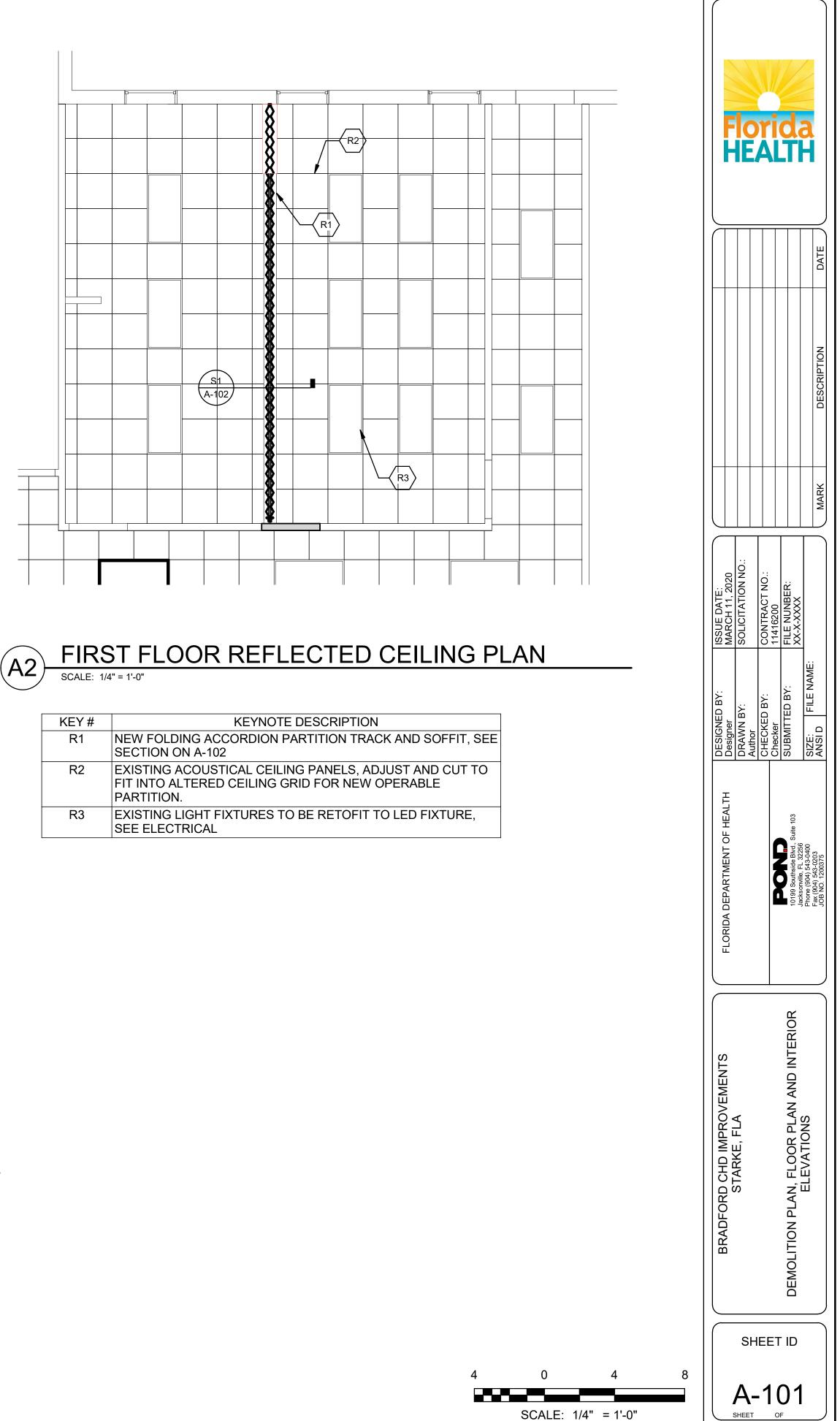
REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. 2. THE ENUMERATION OF PARTICULAR ITEMS OF WORK IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO EXCLUDE OTHER ITEMS NECESSARY OR IMPLIED THEREFROM. 3. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION. 4. ALL WORK SHALL CONFORM TO APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS, ALL REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATIONS. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ARCHITECT ATTENTION PRIOR TO PROCEEDING WITH THE WORK 5. THE CONTRACTOR SHALL PROTECT ANY EXISTING, IN-PLACE, AND NEW WORK. 6. ALL WORK NOTED "N.I.C." IS NOT MEANT TO BE PART OF THE CONSTRUCTION SCOPE OF WORK AGREEMENT. 7. THE CONTRACTOR SHALL PAY FOR AND COORDINATE THE REMOVAL AND LEGAL DISPOSAL OF MATERIALS AND RUBBISH 8. ONCE ON SITE, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL VERIFY ALL NEW AND EXISTING CONDITIONS, SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE **ARCHITECT** IN WRITING OF ANY DIFFERING CONDITIONS BEFORE COMMENCEMENT OF WORK. 9. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN, LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS. THE CONTRACTOR SHALL NOTIFY THE **ARCHITECT** IN WRITING OF ANY DIFFERING CONDITIONS BEFORE COMMENCEMENT OF WORK. 10. UNLESS NOTED OTHERWISE, ALL GYPSUM BOARD SURFACES ARE TO RECEIVE ONE PRIMER COAT AND TWO COATS OF PAINT 11. DIMENSIONS NOTED AS 'HOLD' SHALL NOT VARY BY MORE THAN 1/8" FROM SIDE TO SIDE OR FROM FRONT TO BACK, FINISHED SURFACE TO **FINISHED SURFACE** 12. NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, AND ALTERATION OPERATIONS SHALL BE APPLIED. 13. WALL AND/OR CEILING ASSEMBLIES THAT ARE IDENTIFIED WITH A FIRE RESISTIVE RATING SHALL BE CONSTRUCTED AS DETAILED HEREIN. 14. DIMENSIONS SHOWN ARE TO FACE OF STUD OR CMU (U.N.O.). 15. PROVIDE EXPANSION AND CONTROL JOINTS IN ALL WORK AS PER PRODUCT MANUFACTURER'S STANDARDS. 16. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATORY AGENCIES AND SHALL OBTAIN NECESSARY BUILDING AND FIRE PERMITS





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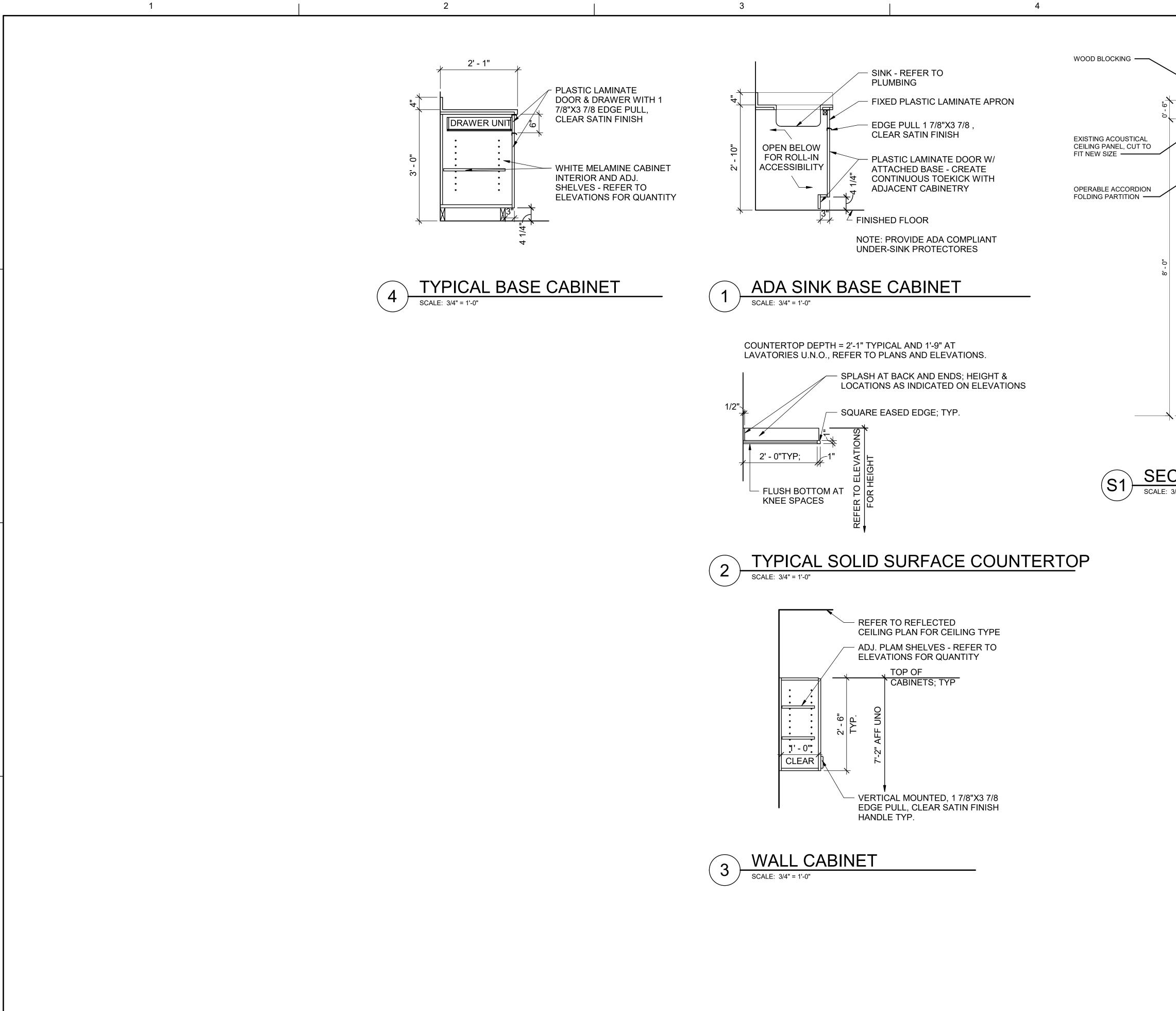


Y#	KEYNOTE DESCRIPTION
\ 1	PROVIDE NEW SOLID SURFACE COUNTERTOP W/ 4" H. BACKSPLASH
12	PROVIDE NEW 22" X 33" UNDERMOUNT STAINLESS STEEL KITCHEN SINK, DOUBLE BOWL; CONNECT TO EXISTING PLUMBING
43	NEW LVT PLANK - ARMSTRONG: NATURAL CREATIONS DIAMOND 10 TECHNOLOGY ARBOR ART. COLOR: WARM CAPRI. ITEM #: NA191. SIZE: 4" x 36". SHAPE: PLANK. GLUE DOWN APPLICATION.
\4	NEW OPERABLE ACCORDIAN PARTITION
\ 5	NEW VINYL BASE - ARMSTRONG VINYL BASE: 4" HIGH W/ COVE; COLOR: BLUSH OR FRESH TAUPE.
46	FILL PARTITION AT REMOVED DOOR WITH NEW GWB AND WOOD STUDS TO MATCH EXISTING, PAINT
۸7	NEW CASEWORK
\ 9	RE-USE EXISTING WOOD DOOR IN HOLLOW METAL FRAME IN EXISTING PARTITION.

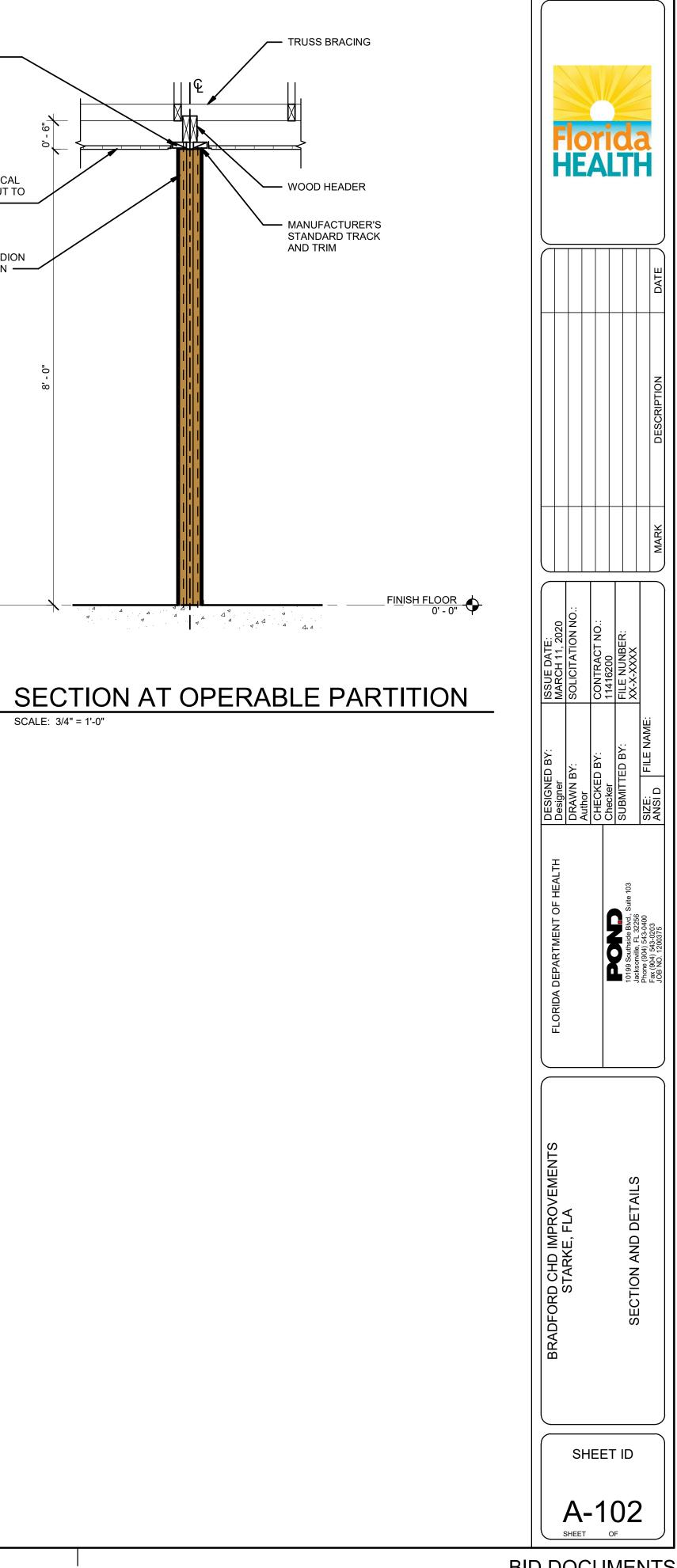
	SECTION ON A-102
	EXISTING ACOUSTICAL OF FIT INTO ALTERED CEILI PARTITION.
R3	EXISTING LIGHT FIXTURI SEE ELECTRICAL

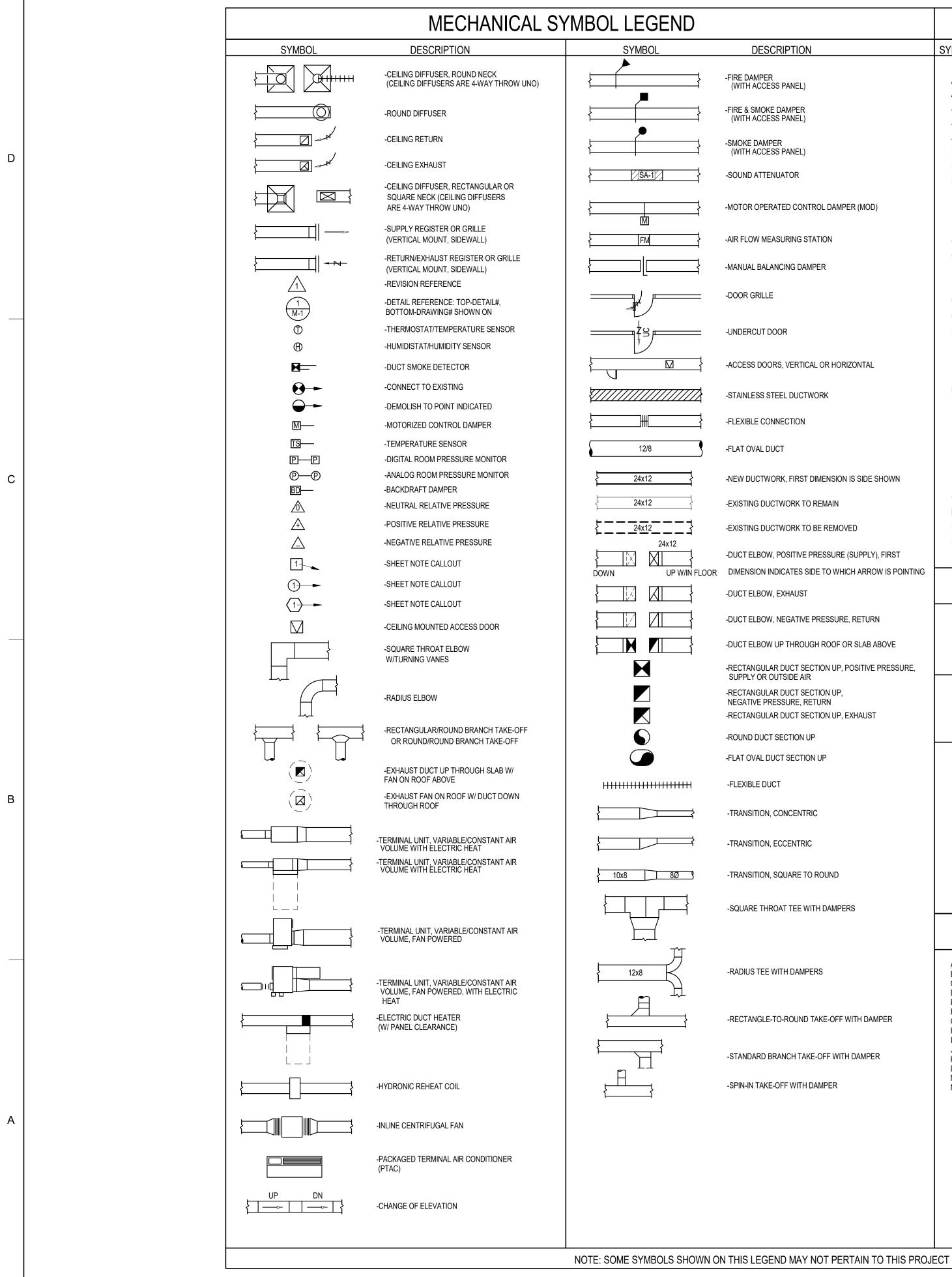
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According and a second se			MECHANICA	AL ABE	BREVIATIONS	MECHANIC
ACCOUNT ACCOUNT OF A COUNT O	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	1. CONNECTION TO EQUIPMENT SHALL B DRAWINGS. TRANSITIONS TO ALL EQU
	-FIRE DAMPER (WITH ACCESS PANEL)			LD	-LINEAR DIFFUSER	FOR EQUIPMENT FURNISHED. 2. DIMENSIONS SHALL BE FIELD-VERIFIED
Additional and a second an						FABRICATION. COORDINATE THE WOR SUCH AS OFFSETS IN PIPING OR DUCT
And December of the second of the secon	(WITH ACCESS PANEL)					INVOLVING RENOVATION, COORDINAT
						ELECTRICAL CONDUIT.
Automotive control in a service of the service	-SOUND ATTENUATOR					3. DUCT CONSTRUCTION SHALL BE IN AC SMACNA HVAC DUCT CONSTRUCTION
A CONTRACTOR MADE NO CONTRACT AND A CONTRACT A		CL				4. SEE SPECIFICATIONS FOR GAUGES, TH
A RECOMPOSITION OF THE CONTROL THERE AND ADDRESS TO THE CONTROL THE C	-MOTOR OPERATED CONTROL DAMPER (MOD)					5. PROVIDE AIR TURNING VANES IN ALL 9
Added Address Safety Control of Safety Cont	-AIR FLOW MEASURING STATION					
	-MANUAL BALANCING DAMPER					7. COORDINATE DIFFUSER, GRILLE AND F REFLECTED CEILING PLANS AND EQUI
ALTER CONTROL CONTROL OF ALL CONTROL OF ALL CONTROL OF ALL CONTROL AND AL		ΔΤ				8. LOCATE THERMOSTATS, TEMPERATUR
Line from the constraints of the constraints o	-DOOR ORIELE					EQUIPMENT, FURNITURE, AND DOOR S
Local success vertical de-policy and the second of th	-UNDERCUT DOOR		-DIRECT DIGITAL CONTROLS			9. ALL EQUIPMENT, DUCTWORK, ETC., SH ADDITIONAL SUPPORTS AS REQUIRED
Ext of United An Extrements Status Section Status Status						10. ALL DUCT SIZES SHOWN ARE INSIDE C
	-ACCESS DOORS, VERTICAL OR HORIZONTAL		-ENTERING AIR TEMPERATURE			11. DAMPERS AND INSIDES OF DUCTS VIS PAINTED FLAT BLACK.
ADDEE CONNECTON A	-STAINLESS STEEL DUCTWORK					12. REFER TO TYPICAL DETAILS FOR PIPIN
P	-FLEXIBLE CONNECTION					13. TRAPPED CONDENSATE DRAINS FROM PROPER DRAINAGE TO SUIT EQUIPMEN
A PROLEMANDER SERVICE ALEXANDER AT INFERENCE AL	-FLAT OVAL DUCT					14. ACCESS PANELS IN DUCTWORK AND C
Address and a second a second a second and a second		FLA				
EXERTING DUCTIVENT TO BENNAL EXERTING DUCTIVENT TO BE REMARDE EXERTING DUCTIVENT TO BE REMARDE EXERTING DUCTIVENT TO BE REMARDE EXERTING DUCTIVENT TO BE REMARDED	-NEW DUCTWORK, FIRST DIMENSION IS SIDE SHOWN					VANES, ELBOWS, FITTINGS, ETC., TO A TRANSITION TO FULL SIZE OF THE SUM
E-ADITION COUNTING TO BE READ SET OUT ELECON, REATING THE READ SET OUT ELECON, REATING THE READ IS SOFTING OUT ELECON, REATING OUT ELECON, REAL ASCOLE	-EXISTING DUCTWORK TO REMAIN			VFD	-VARIABLE FREQUENCY DRIVE	16. VERIFY FINISH WITH ARCHITECT PRIOF
	-EXISTING DUCTWORK TO BE REMOVED					
OULD TEROW, REARING PRESSURE, RETURN OUT ELDOW, NEGATIVE PRESSURE, RETURN OUT ELDOW, NEGATIVE PRESSURE, RETURN OUT ELDOW, NEGATIVE PRESSURE, RETURN OUT ELEON UP THROUGH ROOF OR ALLAS ABOVE RECTANCILLAR CONFORMER ABOVE RECTANCILLAR CONF	-DUCT ELBOW, POSITIVE PRESSURE (SUPPLY), FIRST		-LEAVING WATER TEMPERATURE			HANDLING UNITS, AND FAN COIL UNITS
			MECHAN		TAGS	18. PROVIDE TRANSITIONS AT DIFFUSER N CONNECTED.
-DUCT ELBOW, DEGATIVE PRESSURE, EETURN -DUCT ELBOW UP THROUGH ROOF OR SLAB ABOVE -RECTANGULAR DUCT SECTION UP, DOSTIVE PRESSURE, SUPPLY OF OUTOR STATE PRESSURE, PRESSURE, PETURN -RECTANGULAR DUCT SECTION UP, DOSTIVE PRESSURE, SUPPLY OF OUTOR STATE -RECTANGULAR DUCT SECTION UP, DOSTIVE PRESSURE, -RECTANGULAR DUCT SECTION UP, DOSTIVE PRESSURE, -RECTANGULAR DUCT SECTION UP, DEHAUST -RECTANGULAR DUCT SECTION UP, DEHAUST -RECTANGULAR DUCT SECTION UP, DEHAUST -RECTANGULAR DUCT SECTION UP, -FLAT OVAL DUCT TAG TAG -TRANSITION, SQUARE TO ROUND -SUMMED SECTION UP, -FLAT OVAL DUCT TAG TAG -TRANSITION, SQUARE TO ROUND -SUMMED SECTION UP,	-DUCT ELBOW, EXHAUST					19. INTERRUPTIONS TO EXISTING SERVICE OPERATING HOURS (SUCH AS NIGHTS
	-DUCT ELBOW, NEGATIVE PRESSURE, RETURN		TAG			NOT BE MADE WITHOUT THE PRIOR WI PROPER COORDINATION WITH OTHER
	-DUCT ELBOW UP THROUGH ROOF OR SLAB ABOVE		(A 200)		AIR DISTRIBUTION DEVICE TAG	
Rectand budges before the section up Rectand budges before Rectand budges Rectand			<u> </u>	CFM		DISPOSED OF LEGALLY, AS DIRECTED
-RECTANGULAR DUCT SECTION UP AHU -EQUIPMENT TAG 2. DUCT RUNDUTS TO DIFFUSERS SM. -ROUND DUCT SECTION UP -FLAT OVAL DUCT SECTION UP -FLAT OVAL DUCT SYSTEM 2. DUCT RUNDUTS TO DIFFUSERS SM. -FLAT DVAL DUCT SECTION UP -FLAT OVAL DUCT SYSTEM -RECTANGULAR DUCT TAG 2. DUCT RUNDUTS TO DIFFUSERS SM. -FLAT OVAL DUCT -FLAT OVAL DUCT TAG -RECTANGULAR DUCT TAG 2. DUCT RUNDUTS TO DIFFUSERS SM. -TRANSITION, CONCENTRIC -TRANSITION, ECCENTRIC -RECTANGULAR DUCT TAG 2.5 TEST AND BALANCE SMALL BE PRE-SYSTEM -TRANSITION, ECCENTRIC -TRANSITION, SQUARE TO ROUND -PIPE SYSTEM -2.5 TEST AND BALANCE SMALL BE PRE-SYSTEM -TRANSITION, SQUARE TO ROUND -SQUARE THROAT TEE WITH DAMPERS -PIPE SYSTEM -2.5 TEST AND BALANCE SMALL BE PRE-SYSTEM -RADIUS TEE WITH DAMPERS -STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES -MECHANICAL SYNEK -RADIUS TEE WITH DAMPERS -STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES -MOIT -RECTANGLE-TO-ROUND TAKE-OFF WITH DAMPER -STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES -MOIT -RECTANGLE-TO-ROUND TAKE-OFF WITH DAMPER -STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES -MOIT -RECTANGLE-TO-ROUND TAKE-OFF WITH DAMPER -STATE, COUNTY, AND CITY HEALT HAND BUILDING CODE <		E		IPMENT NUMBE	R	ALL FIRE RATED AND FIRE/SMOKE RAT
PLAT OVAL DUCT SECTION UP PLEXIBLE DUCT TRANSITION, CONCERNTRIC TRANSITION, CONCERNTRIC TRANSITION, CONCERNTRIC TRANSITION, ECCENTRIC TRANSITION, ECCENTRIC TRANSITION, ECCENTRIC TRANSITION, SQUARE TO ROUND SOURCE THROAT TEE WITH DAMPERS A STATE COUNTY, AND CITY HEALTH AND BUILDING CODES REPART 2014 EDITION C. NEPA 70, 2014 EDITION SAURCE THROAT TEE WITH DAMPERS A STATE COUNTY, AND CITY HEALTH AND BUILDING CODES NEPA 518, 2014 EDITION C. NEPA 70, 2015 EDITION SAURCE TOROUND TAKE-OFF WITH DAMPER A STATE COUNTY, AND CITY HEALTH AND BUILDING CODES NEPA 518, 2014 EDITION C. NEPA 70, 2015 EDITION SAURCE TOROUND TAKE-OFF WITH DAMPER A STATE COUNTY, AND CITY HEALTH AND BUILDING SCODES NEPA 518, 2014 EDITION C. NEPA 70, 2015 EDITION SAURCE SEDITION			AHU-1		EQUIPMENT TAG	22. DUCT RUNOUTS TO DIFFUSERS SHALL
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-FLEXIBLE DUCT 2xit2 SA -RECTANGULAR DUCT TAG ELECTRICAL SWITCHBARDS, PANL -TRANSITION, CONCENTRIC 24/12 SA -OVAL DUCT TAG TAG ELECTRICAL SWITCHBARDS, PANL -TRANSITION, CONCENTRIC 120 SA -ROUND DUCT TAG 25 TEST AND BALANCE SHALL BY PER -TRANSITION, ECCENTRIC PIPE SIZE PIPE SYSTEM 25 TEST AND BALANCE SHALL BP PER -TRANSITION, SQUARE TO ROUND -ITRANSITION, SQUARE TO ROUND 26 SUBMITTALS ELECTRONIC SUBMIT -SQUARE THROAT TEE WITH DAMPERS A STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES MECHANICAL STIRE -RADIUS TEE WITH DAMPERS A STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES MOI1 MECHANICAL STIRE -RADIUS TEE WITH DAMPERS A STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES MOI1 MECHANICAL STIRE -RADIUS TEE WITH DAMPERS A STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES MOI1 MECHANICAL STIRE -RADIUS TEE WITH DAMPER NPPA 518, 2014 EDITION A STATE, COUNTY, AND CITY HEALTH AND BUILDING CODES MOI1 -RADIUS TEE WITH DAMPER NPPA 518, 2014 EDITION MOI1 MECHANICAL STIRE MOI1 -RADIUS TEE WITH DAMPER NPPA 518, 2014 EDITION NPPA 518, 2014 EDITION MOI1 MECHANICAL STIRE -RADIUS TEE WITH DAMPER NPPA 518, 2014 EDITION ENEREY CORE, 2	-FLAT OVAL DUCT SECTION UP		DUCT SIZE DUC	T SYSTEM		
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-RADIUS TEE WITH DAMPERS -RADIUS TEE WITH DAMPERS -RECTANGLE-TO-ROUND TAKE-OFF WITH DAMPER -STANDARD BRANCH TAKE-OFF WITH DAMPER -SPIN-IN TAKE-OFF WITH DAMPER -SPIN SPIN SPIN SPIN SPIN S	-TRANSITION, SQUARE TO ROUND					
-RADIUS TEE WITH DAMPERS -RADIUS TEE WITH DAMPERS -RECTANGLE-TO-ROUND TAKE-OFF WITH DAMPER -STANDARD BRANCH TAKE-OFF WITH DAMPER -SPIN-IN TAKE-OFF WITH DAMPER -SPIN SPIN SPIN SPIN SPIN S						
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1650 Prudential Drive,

Jacksonville, FL 32207

THINK, LISTEN, CREATE.

P 904.306.9111

Suite 200

CAL GENERAL NOTES

L BE VERIFIED WITH MANUFACTURER'S CERTIFIED QUIPMENT SHALL BE VERIFIED AND PROVIDED

FIED AND COORDINATED PRIOR TO PROCUREMENT OR ORK WITH OTHER TRADES INVOLVED. FIELD MODIFICATIONS JCTWORK (INCLUDING DIVIDED DUCTWORK) NEEDED DUE TO ES SHALL BE PROVIDED AT NO ADDITIONAL COST. FOR PROJECTS IATE NEW WORK WITH EXISTING ELEMENTS SUCH AS THE ECTURAL FEATURES, SPRINKLER PIPING, LIGHTS, PLUMBING, AND

ACCORDANCE WITH THE LATEST EDITION OF THE ON STANDARD.

, THICKNESS, BRACING, REQUIREMENTS, ETC., OF DUCTWORK.

L 90 DEGREE RECTANGULAR DUCT ELBOWS.

IROUGH BUILDING CONSTRUCTION SHALL SUIT EQUIPMENT

ID REGISTER LOCATIONS WITH ARCHITECTURAL QUIPMENT OF ALL TRADES.

TURE SENSORS, HUMIDISTATS, AND HUMIDITY SENSORS AT 48" OTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER R SWINGS.

, SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ED TO PROVIDE A VIBRATION-FREE, RIGID INSTALLATION.

E CLEAR DIMENSIONS.

VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE

PING AND INSTALLATION OF EQUIPMENT.

ROM ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED FOR MENT FURNISHED.

ND CEILINGS SHALL BE PROVIDED WHERE REQUIRED FOR ENANCE OF ALL MECHANICAL EQUIPMENT.

WN SCHEMATICALLY. PROVIDE ALL TRANSITIONS, TURNING O ALLOW SMOOTH FLOWS. ALL SPLIT DUCT FITTINGS SHALL SUM OF BOTH BRANCHES, UPSTREAM OF SPLIT.

RIOR TO PURCHASING GRILLES, REGISTERS, DIFFUSERS, LOUVERS /ICES.

FIONS ON ALL DUCTWORK CONNECTING TO EACH FAN, AIR

R NECKS AS REQUIRED TO MATCH SIZES OF FLEX DUCTS TO BE

VICES SHALL BE SCHEDULED FOR TIMES OTHER THAN NORMAL ITS AND WEEKENDS). SUCH INTERRUPTIONS TO SERVICES SHALL WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE AND IER TRADES. PRE-WORK SHALL BE PERFORMED TO MAKE THE OSSIBLE.

, TO BE REMOVED SHALL REMAIN PROPERTY OF THE OWNER OR ED BY OWNER.

JM OF 6" BETWEEN DUCTWORK, PIPING, EQUIPMENT, ETC., AND RATED PARTITIONS, TO ALLOW FOR INSPECTIONS OF RATED

ALL MATCH THE SIZE OF THE DIFFUSER NECK.

QUIPMENT AND VALVE DRAINS SHALL BE INDEPENDENTLY PIPED BING DRAIN.

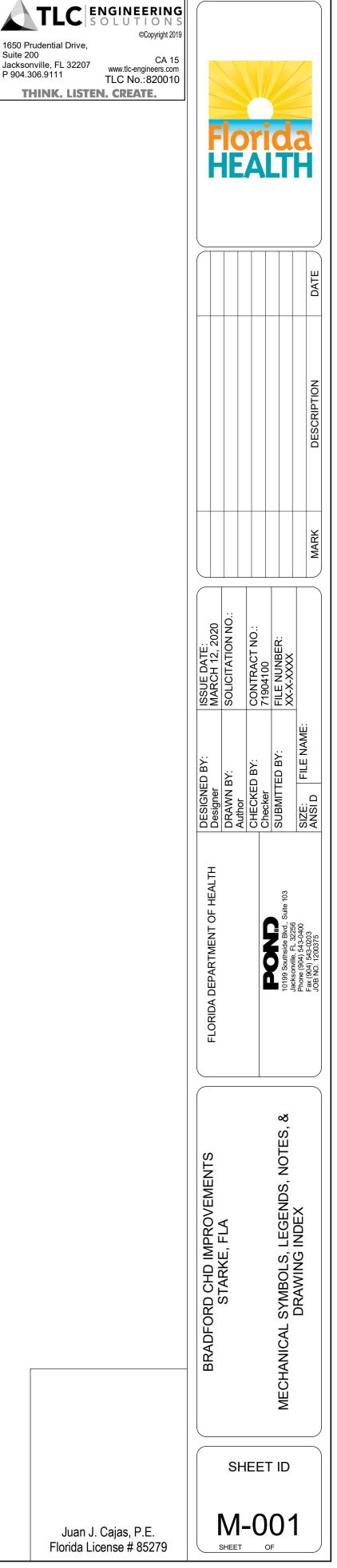
TION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO ELBOARDS, DISTRIBUTION BOARDS, OR MOTOR CONTROL D WITHIN THE REQUIRED SPACE FOR WORKING CLEARANCES OR FRICAL EQUIPMENT, EXTENDING IN FRONT OF AND FROM FLOOR /IDTH AND DEPTH OF THE ELECTRICAL EQUIPMENT IN

ORMED AT EACH PHASE OF CONSTRUCTION, ON ALL SPACES AND HASE. PROVIDE REPORT TO ENGINEER FOR REVIEW.

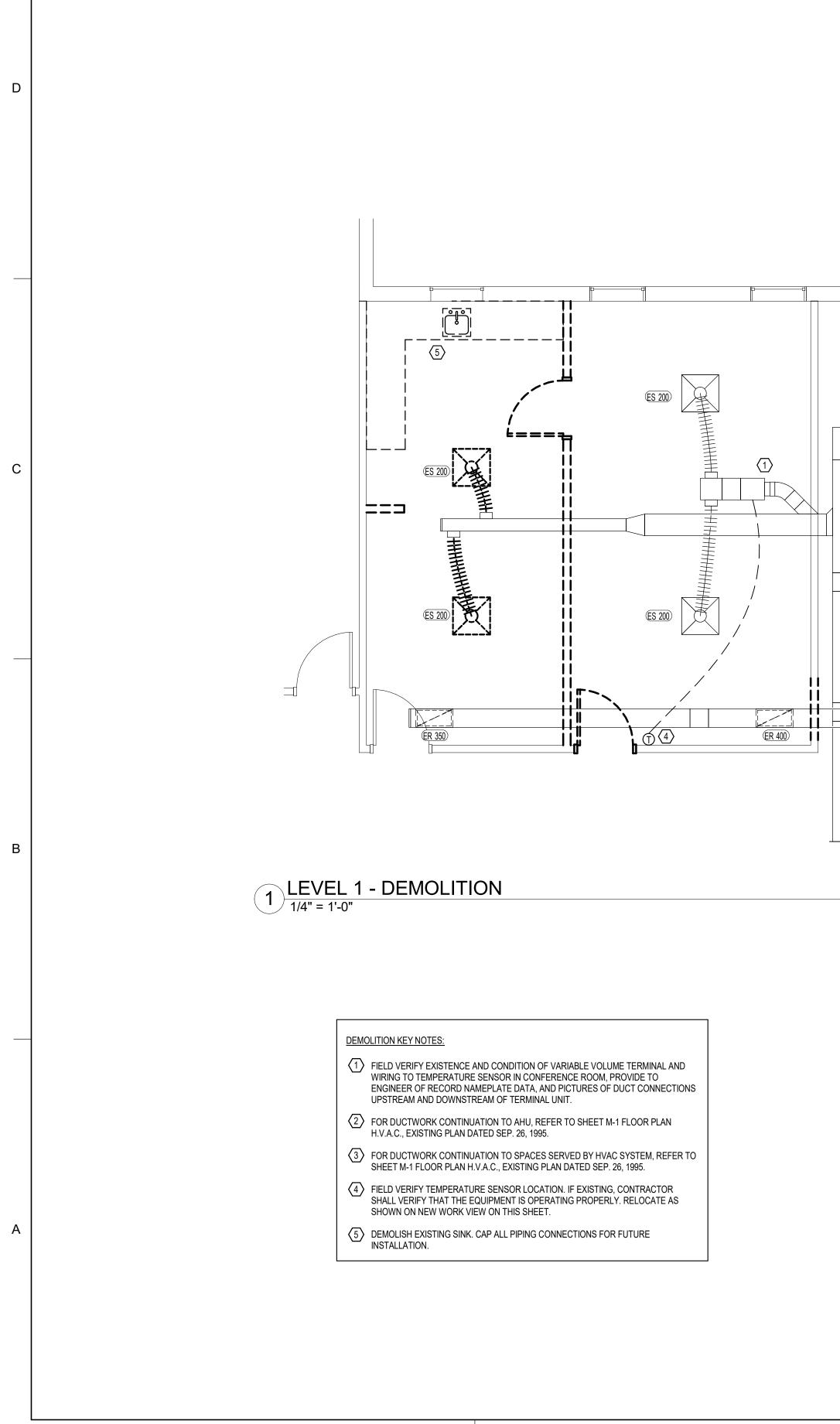
TALS SHALL BE IN SEARCHABLE FORMAT. DO NOT SUBMIT

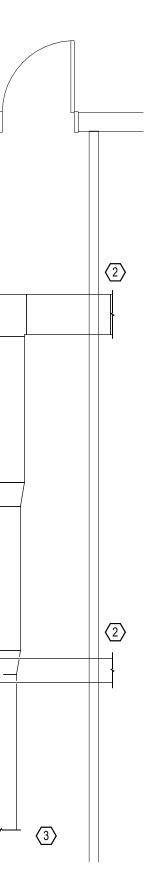
AL DRAWING INDEX

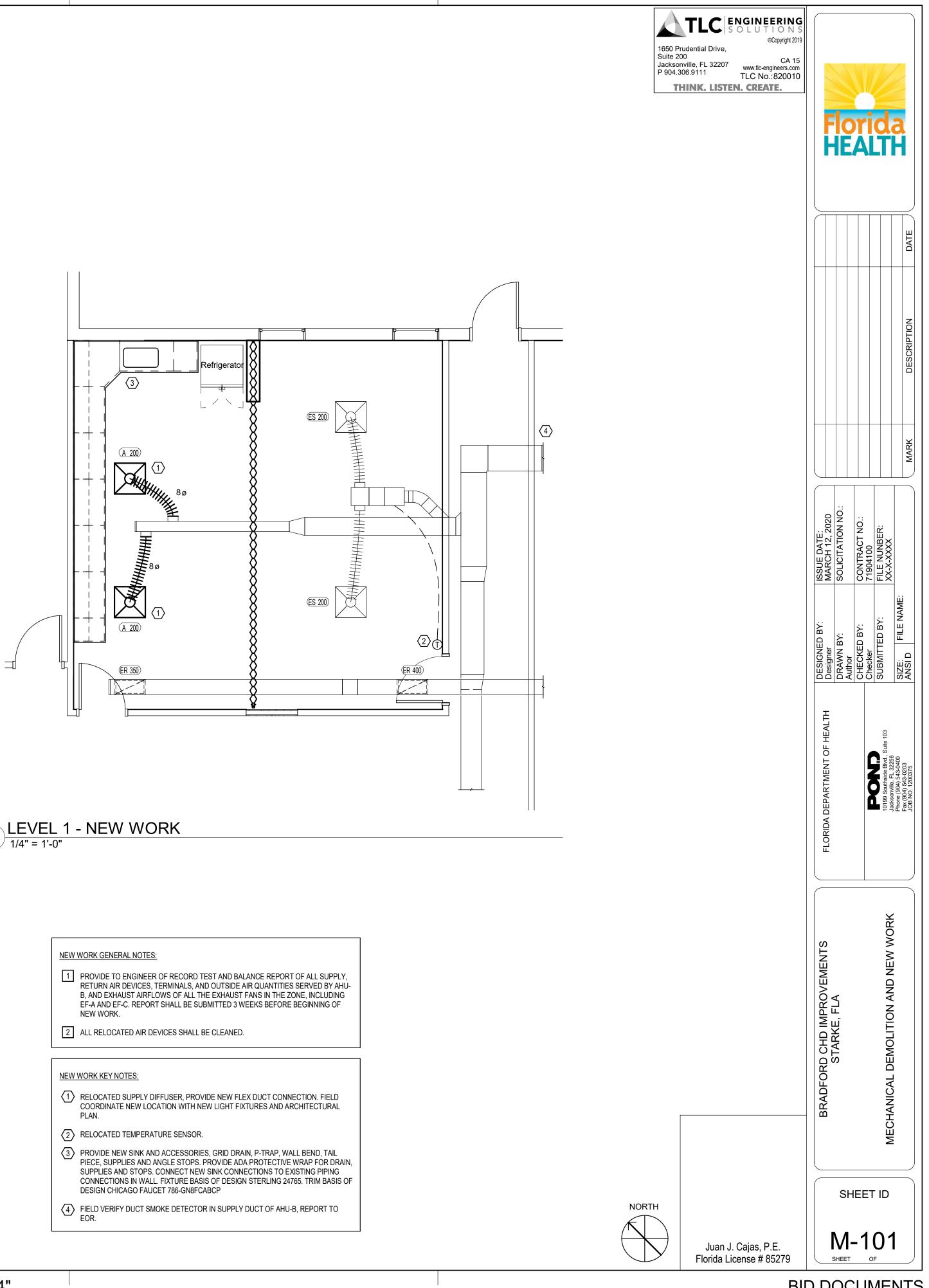
DESCRIPTION)LS, LEGENDS, NOTES, & DRAWING INDEX LITION AND NEW WORK S AND SPECIFICATIONS



Juan J. Cajas, P.E.







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2 LEVEL 1 - NEW WORK

3

4

BID DOCUMENTS

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	INLESS AN ITEM IS SPECIFICALLY MENTIONED AS BEING PROVIDED BY OTHERS. THE REQUIREMENTS OF DIVISION 15 CONTRACT DOCUMENTS SHALL BE COMPLETED. THE SYSTEMS. EQUIPMENT, DEVICES AND ACCESSORES SHALL BE INSTALLED, FINISHED. TESTED AND ADJUSTED FOR CONTINUOUS AND PROPER OPERATION. ANY APPARTUS, MATERIAL DR DEVICE NOT SHOWN ON THE DRAWINGS BUT MENTIONED IN THESS SPECIFICATIONS, OR VICE VERAS, OR ANY DROBENTA, ACCESSORES NECESSARY TO MARE THE PROJECT COMPLETE AND OPERATIONAL IN ALL RESPECTS. SHALL EF URINSHED, DELIVICED AND INSTALLED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. INCLUDE ALL MATERIALS, SUIMENT, SINCHEVISION, OPERATION, METHODS AND LABOR FOR THE FABRICATION, INSTALLATION, START-JUP AND TESTS NECESSARY FOR COMPLETE AND PROPERLY FUNCTIONING SYSTEMS. DOWER WITH ALL RULES, REGULATIONS, STANDARDS, CODES, ORDINANCES AND LAWS OF LOCAL, STATE AND FEDERAL JOVERNMENTS AND THE AMENDMENTS AND INTERPRETATION OF SUCH RULES. REGULATIONS, STANDARDS, CODES, RINNANCES AND LAWS OF LOCAL, STATE AND FEDERATL GOVERNMENTS BY THE AUTHORITIES HAVING LAWFUL URISDICTION. <u>PRAVINGS AND SPECIFICATIONS</u> : NETHENT: THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO ESTABLISH MINIMUM ACCEPTABLE QUALITY TITENT: THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO ESTABLISH MINIMUM ACCEPTABLE QUALITY TRANDARDS FOR MATERIALS, EQUIPMENT AND WORKMANSHIP, AND TO PROVIDE OPERABLE MECHANICAL SYSTEMS JOUMPLETT IN LYCENT RESPECT: EQUIPMENT PLACEMENT: THE DRAWINGS ARE DIAGRAMMATIC. INTENDED TO SHOW GENERAL ARRANGEMENT, CAPACITY NO LOCATION OF VARIOUS COMPONENTS, EQUIPMENT AND DEVICES. EACH LOCATION SHALL BE DETERMINED BY TERRESPECTOR. TO THE GRAWINGS ARE DIAGRAMMATIC. INTENDED TO SHOW GENERAL ARRANGEMENT, CAPACITY NOR SHALL BE DREVINED AT NO ADDITIONAL COST. EQUIPMENT PLACEMENT: THE DRAWINGS ARE DIAGRAMMATIC. INTENDED TO SHOW GENERAL ARRANGEMENT, CAPACITY NOR CANNER SHALL BE DREVER RESPECT. EQUIPMENT PLACEMENT: THE DRAWINGS ARE DIAGRAMMATIC. INTENDED TO THE OWNER. EQUIPMENT PLACEMENT: THE DRAWINGS ARE DIAGRAMMATIC. INTENDED TO SHOW GENERAL
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	DEFSETS, TRANSITIONS AND FITTINGS MAY NOT BE SHOWN BUT SHALL BE PROVIDED AT NO ADDITIONAL COST. CONFLICT: IN THE EVENT OF A CONFLICT, THE ARCHITECT WILL RENDER AN INTERPRETATION IN ACCORDANCE WITH THE SENERAL CONDITIONS. ABBREVIATIONS: ABBREVIATIONS, WHERE NOT DEFINED IN THE CONTRACT DOCUMENTS, SHALL BE INTERPRETED TO MEAN THE NORMAL CONSTRUCTION INDUSTRY TERMINOLOGY, AS DETERMINED BY THE ARCHITECT. PLURAL WORDS SHALL BE INTERPRETED AS SINGULAR AND SINGULAR WORDS SHALL BE INTERPRETED AS PLURAL WHERE APPLICABLE 'OR CONTEXT OF THE CONTRACT DOCUMENTS. WORKMANSHIP: SENERAL: THE INSTALLATION OF MATERIALS AND EQUIPMENT SHALL BE DONE IN A NEAT, WORKMANLIKE AND TIMELY MANNER BY AN ADEQUATE NUMBER OF CRAFTSMEN KNOWLEDGEABLE OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THEY SHALL BE SKILLED IN THE METHODS AND CRAFTSMANSHIP NEEDED TO PRODUCE A FIRST-QUALITY NSTALLATION. PERSONNEL WHO INSTALL MATERIALS AND EQUIPMENT SHALL BE QUALIFIED BY TRAINING AND EXPERIENCE TO PERFORM THEIR ASSIGNED TASKS. HOUSEKEEPING: KEEP INTERIORS OF DUCT AND PIPE SYSTEMS CLEAN AND FREE FROM DIRT, RUBBISH AND FOREIGN MATTER. CLOSE OPEN ENDS OF PIPING AND DUCTWORK AT ALL TIMES THROUGHOUT THE INSTALLATION. EQUIPMENT PROTECTION: PROTECT FAN MOTORS, SWITCHES, EQUIPMENT, FIXTURES, AND OTHER ITEMS FROM DIRT, RUBBISH AND FOREIGN MATTER. DO NOT OPERATE AIR HANDLING EQUIPMENT IF THE BUILDING IS NOT CLEAN OR IF JUST CAN ENTER THE COILS OR THE FAN HOUSINGS. EQUIPMENT CLEANING: THOROUGHLY CLEAN EQUIPMENT AND ENTIRE PIPING SYSTEMS INTERNALLY UPON COMPLETION DF INSTALLATION AND IMMEDIATELY PRIOR TO FINAL ACCEPTANCE. BUILDING CLEANUP: REMOVE DEBRIS, RUBBISH, LEFTOVER MATERIALS, TOOLS AND EQUIPMENT FROM WORK AREAS AND SITE. CLEAN TUNNELS AND CLOSED OFF SPACES OF PACKING BOXES, WOOD FRAME MEMBERS AND OTHER WASTE MATERIALS USED IN THE INSTALLATION. EILTER REPLACEMENT: PROVIDE FILTERS, WITH THE SAME EFFICIENCY RATING AS REQUIRED FOR THE FINAL
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1	
	THE CONSTRUCTION PHASE. PROVIDE A NEW SET OF CLEAN FILTERS FOR THE TEST AND BALANCE OF THE AIR SIDE EQUIPMENT.
	PROTECTION OF FINISHED INSTALLATION: WHERE INSTALLATION IS REQUIRED IN AREAS PREVIOUSLY FINISHED BY OTHER TRADES, PROTECT THE AREA FROM MARRING, SOILING OR OTHER DAMAGE.
	<u>CORRECTION OF WORK:</u> GENERAL: AT NO ADDITIONAL COST TO THE OWNER, RECTIFY DISCREPANCIES BETWEEN THE ACTUAL INSTALLATION AND CONTRACT DOCUMENTS WHEN IN THE OPINION OF THE T&B AGENCY OR THE ARCHITECT THE DISCREPANCIES WILL AFFECT SYSTEM BALANCE AND PERFORMANCE.
V	DRIVE CHANGES: INCLUDE THE COST OF ALL PULLEY, BELT, AND DRIVE CHANGES, AS WELL AS BALANCING DAMPERS, /ALVES AND FITTINGS, AND ACCESS PANELS TO ACHIEVE PROPER SYSTEM BALANCE RECOMMENDED BY THE T&B AGENCY.
G	<u>COORDINATION AND ASSISTANCE:</u> GENERAL: PROVIDE ALL LABOR, EQUIPMENT, TOOLS AND MATERIAL REQUIRED TO OPERATE THE EQUIPMENT AND SYSTEMS NECESSARY FOR THE TESTING AND BALANCING OF THE SYSTEMS.
A	COORDINATE THE OPERATION OF THESE SYSTEMS WITH THE T&B AGENCY. CORRECT DEFICIENCIES NOTED BY THE T&B AGENCY. THE CONTRACTOR WILL BE HELD LIABLE FOR RETEST/REBALANCE REQUIRED FROM CONTRACTOR RELATED SYSTEM DEFIECIENCES.
S A	DRAWINGS AND SPECIFICATIONS: PROVIDE TO THE T&B AGENCY A COMPLETE SET OF PROJECT RECORD DRAWINGS AND SPECIFICATIONS AND AN APPROVED COPY OF ALL HVAC SHOP DRAWINGS AND EQUIPMENT SUBMITTALS. THE T&B AGENCY SHALL BE INFORMED OF ALL CHANGES MADE TO THE SYSTEM DURING CONSTRUCTION, INCLUDING APPLICABLE CHANGE ORDERS.
N IN P	COORDINATION: COORDINATE THE WORK OF ALL TRADES AND EQUIPMENT SUPPLIERS TO COMPLETE THE MODIFICATIONS RECOMMENDED BY THE T&B AGENCY AND ACCEPTED BY THE ARCHITECT. CUT OR DRILL HOLES FOR THE NSERTION OF AIR MEASURING DEVICES AS DIRECTED FOR TEST PURPOSES; REPAIR TO AS-NEW CONDITION, INSERTING PLASTIC CAPS OR COVERS TO PREVENT AIR LEAKAGE. REPAIR OR REPLACE INSULATION AND RE-ESTABLISH THE NTEGRITY OF THE VAPOR RETARDANT.
	COORDINATION DRAWINGS: CONTRACTOR WILL PROVIDE M, E, P, & FP COORDINATION DRAWINGS TO BE RECEIVED AND APPROVED BY THE ENGINEER AND ARCHITECT BEFORE FABRICATION OR INSTALLATION OF ANY SYSTEM. PROVIDE 6 COPIES OF COORDINATED 1/4" SCALE DRAWINGS FOR REVIEW. ALL CONFLICTS SHALL RESOLVED BEFORE FINAL ACCEPTANCE.
	PROTECTION OF MATERIALS AND EQUIPMENT: REPLACEMENT OF DAMAGED STORED MATERIAL AND EQUIPMENT: ANY MATERIAL AND EQUIPMENT THAT HAS BEEN WET OR OTHERWISE DAMAGED PRIOR TO INSTALLATION, IN THE OPINION OF THE ARCHITECT, SHALL BE REPLACED WITH NEW MATERIAL REGARDLESS OF THE CONDITION OF THE MATERIAL AND EQUIPMENT AT THE TIME OF INSTALLATION.
S	REPAIR OF DAMAGED EXISTING MATERIAL AND EQUIPMENT AFTER INSTALLATION: CORRECT OR REPAIR DENTS, SCRATCHES AND OTHER VISIBLE BLEMISHES. AT THE DIRECTION OF ARCHITECT REPLACE OR REPAIR TO "AS NEW" CONDITION EQUIPMENT THAT HAS BEEN DAMAGED DURING CONSTRUCTION.
A A A	ASBESTOS AND HAZARDOUS MATERIALS: GENERAL: SHOULD ASBESTOS OR OTHER HAZARDOUS MATERIAL BE ENCOUNTERED DURING EXECUTION OF THE WORK, OR SHOULD THE PRESENCE OF ASBESTOS OR OTHER HAZARDOUS MATERIAL BE SUSPECTED, IMMEDIATELY NOTIFY THE ARCHITECT AND SUSPEND WORK IN THE AFFECTED AREA. THE OWNER WILL INITIATE A STUDY TO DETERMINE IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PRESENT AND WILL DETERMINE WHAT ACTION WILL BE TAKEN. REMOVAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS WILL BE DONE UNDER A SEPARATE CONTRACT.
	<u>COORDINATION OF SERVICES:</u> GENERAL: COORDINATE INTERRUPTION OF EXISTING SERVICES TO OWNER-OCCUPIED AREAS, IN WRITING, AT LEAST 1- WEEK IN ADVANCE WITH THE ARCHITECT. THE OWNER SHALL DECIDE SHUTDOWN TIME AND DURATION OF SERVICES NTERRUPTION. PROVIDE SHUTOFF VALVES AT POINTS OF INTERCONNECTION TO MINIMIZE DOWNTIME. PROCEDURES NCIDENTAL TO THE OUTAGE SHALL BE PREPARED IN ADVANCE TO MINIMIZE DOWNTIME.
D C (F	FIRE SAFETY IN EXISTING FACILITIES: DO NOT DECREASE THE FIRE RATING OF WALLS, PARTITIONS, CEILINGS, FLOORS, DOORS OR COMBINATIONS THEREOF IN ADJACENT AREAS OR MEANS OF EGRESS. DO NOT INTERRUPT FIRE SPRINKLING OR LIFE SAFETY SYSTEMS WITHOUT PRIOR COORDINATION WITH THE ARCHITECT. INFORM ALL NECESSARY PARTIES FIRE DEPARTMENT, OWNER'S INSURANCE CARRIER, ETC.) IN ADVANCE, PRIOR TO AND IMMEDIATELY AFTER SHUTDOWN, DISCONNECTION OR ISOLATION OF ANY PORTION OF LIFE SAFETY OR FIRE SPRINKLER SYSTEM.

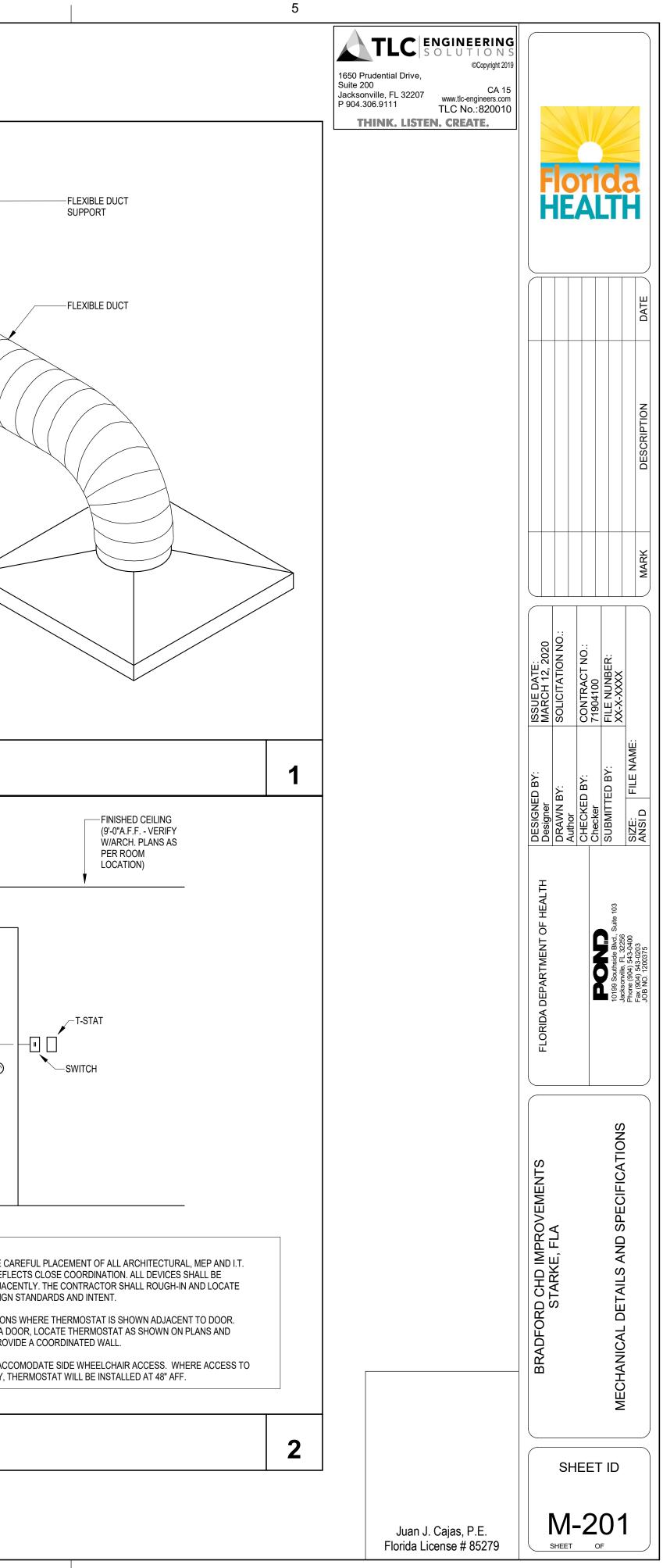
BASIC MECHANICAL REQUIREMENTS:

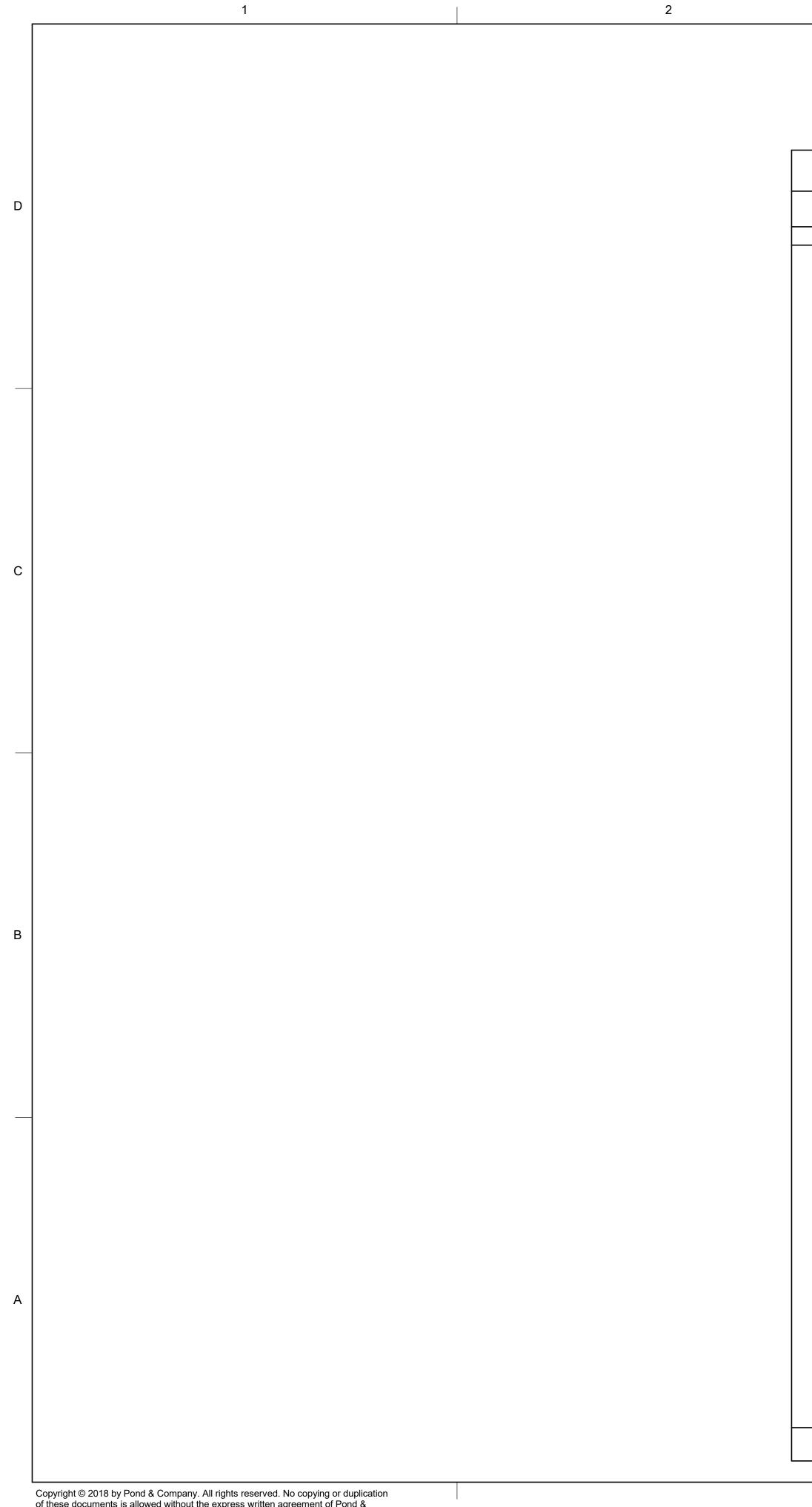
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NOTES: THE CONSTRUCTION OF THIS PROJECT SHALL REQUIRE THE 8.S. DEVICES IN A COHESNE, CONSISTENT FASHION THAT RE ALIGNED OVER A SHARED CENTERLINE WHEN LOCATED AD ALL DEVICES IN CONFORMANCE WITH ARCHITECTURAL DES LOCATE THERMOSTAT ABOVE LIGHT SWITCH AT ALL LOCAT FOR THERMOSTATS LOCATED AT LOCATIONS OTHER THAN. COORDINATE WITH ADJACENT WALL MOUNTED ITEMS TO PF THERMOSTAT TYPICALLY WILL BE MOUNTED AT 54" AFF TO / LOCATION IS LIMITED TO FRONT WHEELCHAIR ACCESS ONL
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7-0" (DOOR HGT. VERIFY W/ ARCH PLAI
48" 48"
48" 48"
48" 48"
HGT. VERIFY W/ ARCH PLAI
C VERIFY W/ ARCH PLAI
Paus)
FLEXIBLE DUCT SUPPORT No Scale

MANUFACTURER AND TYPE: THERMAFLEX M-KE OR FLEXMASTER 1M ARE ACCEPTABLE.





ELECTRICAL SYMBOL LEGEND

4

	BASIC MATERIALS		BASIC MATERIALS CONT.			LIGHTING CONT.
SYMBOL	L DESCRIPTION	SYMBOL	DESCRIPTION	S	YMBOL	DESCRIPTION
Sa	SINGLE POLE SWITCH	[ST]	SHUNT-TRIP BUTTON - FLUSH MOUNTED UNLESS			LED OR FLUORESCENT FIXTURE HALF SHADING DENOTES HALF OF LAMP
S.	(SUBSCRIPT INDICATES ITEM CONTROLLED)		OTHERWISE NOTED NEMA 3R FOR EXTERIOR LOCATIONS			TO LIFE SAFETY BRANCH, OTHER HALF T BRANCH. (3 LAMP FIXTURES SHALL HAVE
s ₃ s ₄	FOUR-WAY SWITCH	C	POWER CONNECTION TO EQUIPMENT			CONNECTED TO LIFE SAFETY, 1 LAMP CONNECTED TO NORMAL).
S _P	SINGLE POLE SWITCH	Т	TRANSFORMER		<u> </u>	LED OR FLUORESCENT WALL MOUNTED WALL OUTLET BOX
·			AUTOMATIC TRANSFER SWITCH		С	LED OR FLUORESCENT FIXTURE
S _{WP}	SINGLE POLE SWITCH WITH WEATHERPROOF COVER	L <u>30AR</u>	NON-FUSED DISCONNECT SWITCH, SIZE AS NOTED NF DENOTES NON-FUSED		0	
S _{WPL}	SINGLE POLE SWITCH WITH WEATHERPROOF LOCKING COVER	450 <u>30AR</u> 20AF	FUSED DISCONNECT AR DENOTES AMP RATING OF SWITCH	(8	EXIT LIGHT FIXTURE DIRECTION ARROWS AS SHOWN
s _K	SINGLE POLE KEY SWITCH	MCP	AF DENOTES AMP FUSE SIZE		8	(SHADED QUADRANT INDICATES FACE(S WALL MOUNTED EXIT LIGHT FIXTURE
	WALL MOUNTED OCCUPANCY SENSOR		COMBINATION MAGNETIC MOTOR STARTER, SIZE AS NOTED 3 POLE UNLESS OTHERWISE NOTED		-	
۲	CEILING MOUNTED OCCUPACY SENSOR		3R ENCLOSURE NEMA 1 UNLESS NOTED	4		BATTERY PACK WITH TWIN HEADS
s _L	SINGLE POLE SWITCH WITH SECURITY LOCKING KEY		BRANCH CIRCUIT PANELBOARD, UNDER 250 VOLTS,			
s _{LV}	LOW VOLTAGE SWITCH		SURFACE MOUNTED	TE	LEPH(ONE/COMPUTER RACE
s _F	FAN SWITCH MANUAL MOTOR STARTER WITH OVERLOAD HEATERS		BRANCH CIRCUIT PANELBOARD, UNDER 250 VOLTS, FLUSH MOUNTED			
s _M S _{MP}	MANUAL MOTOR STARTER WITH OVERLOAD HEATERS AND PILOT LIGHT		BRANCH CIRCUIT PANELBOARD, OVER 250 VOLTS, SURFACE MOUNTED		\blacksquare	VOICE/DATA OUTLET BACK BOX C = ABOVE THE COUNTER W = WALL MOUNTED
s _D	DIMMER SWITCH (1500 WATTS UNLESS OTHERWISE INDICATED)		BRANCH CIRCUIT PANELBOARD, OVER 250 VOLTS, FLUSH MOUNTED			TELEPHONE OUTLET FLOOR MOUNTED
\leftarrow	DUPLEX RECEPTACLE		BRANCH CIRCUIT CONDUIT CONCEALED ABOVE		\bigcirc	TELEPHONE OUTLET CEILING MOUNTEE
⊖- T	TWIST LOCK RECEPTACLE		CEILING OR IN WALL. CONDUIT SHALL INCLUDE PHASE, NEUTRAL AND GROUND CONDUCTORS		$\langle \!$	TELEPHONE OUTLET PEDESTAL MOUNT
T E SP	SURGE PROTECTION TYPE (TVSS) DUPLEX RECEPTACLE	/ · ~	AS REQUIRED FOR CIRCUITS (UNLESS OTHERWISE NOTED). BRANCH CIRCUIT CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDER FLOOR.			
$\langle \square \rangle$	PEDESTAL MOUNTED RECEPTACLE		BRANCH CIRCUIT CONDUIT EXPOSED			
\square	FLOOR OUTLET BOX AND DUPLEX RECEPTACLE WITH APPROPRIATE FLANGE.		GROUND OR GROUND ROD AS NOTED			
	FLOOR OUTLET BOX WITH TWO DUPLEX RECEPTACLES	C	CRITICAL BRANCH CONDUIT			
	AND ONE COMBINATION W/ VOICE/DATA OUTLET		LIFE SAFETY BRANCH CONDUIT			
	DUPLEX RECEPTACLE WITH EACH HALF ON SEPARATE CIRCUIT (BREAKER SHALL BE TWO POLE WITH COMMON TRIP)	EQ	EQUIPMENT BRANCH CONDUIT			
\ominus	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER	o				
€ =	DUPLEX SAFETY RECEPTACLE MOUNT COVERPLATES WITH SPANNER HEAD SCREWS		CONDUIT TURNING DOWN CONDUIT STUB			
\ominus	DUPLEX RECEPTACLE WITH TOP HALF SWITCHED		CONDUIT CONTINUED			
\ominus	SIMPLEX RECEPTACLE (EWC DENOTES ELECTRIC WATER COOLER. COORDINATE WITH EWC	\sim	FLEXIBLE CONDUIT			
EWC	INSTALLER FOR MOUNTING HEIGHT)		EXISTING TO BE REMOVED			
WP	GFI RECEPTACLE. WP DENOTES WEATHERPROOF COVER.		EXISTING TO REMAIN			
 ⊕_	TWO DUPLEX RECEPTACLES WITH COMMON COVER	*	EXISTING AFFECTED BY THIS PROJECT			
—	TWO DUPLEX RECEPTACLES WITH COMMON COVER		FUTURE			
н (—	MOUNTED ABOVE COUNTER			_		
IG)	(ORANGE DEVICE) DUPLEX RECEPTACLE		LIGHTING	_		
	NOTE:		LED OR FLUORESCENT STRIP FIXTURE			
	TICK MARKS SHOWN ON ANY DEVICE REPRESENTS RECEPTACLE CONNECTED TO THE EMERGENCY CIRCUIT (RED DEVICE) TYPICAL FOR ANY DEVICE IN LEGEND		FIXTURE DESIGNATION			
\bigcirc	CLOCK RECEPTACLE		LOWER CASE LETTER INDICATES CONTROL CIRCUIT SWITCH LEG			
\bigcirc	SPECIAL PURPOSE RECEPTACLE, RATING AS NOTED					
\mathbb{C}	LIGHTING CONTROL TIME CLOCK		LED OR FLUORESCENT FIXTURE DIAGONAL SHADING DENOTES TO LIGHT FIXTURE CONNECTED TO CRITICAL BRANCH.			
	PHOTOCELL, MOUNTED ON ROOF FACING NORTH					
	GROUND BAR		LED OR FLUORESCENT FIXTURE DIAGONAL SHADING DENOTES HALF OF LAMPS CONNECTED TO CRITICAL BRANCH OTHER HALF			
J	CABLE TRAY JUNCTION BOX		CONNECTED TO CRITICAL BRANCH, OTHER HALF TO NORMAL BRANCH. (3 LAMP FIXTURES SHALL HAVE 2 LAMPS CONNECTED TO CRITICAL,			
	CONDUIT SEAL-OFF FITTINGS		1 LAMP CONNECTED TO NORMAL).			
SS C3	SURGE SUPRESSOR C3 = SERVICE ENTRANCE DEVICE		LED OR FLUORESCENT FIXTURE COMPLETELY SHADED DENOTES LIGHT		ELE	CTRICAL DRAWIN
	B3 = DISTRIBUTION BOARD DEVICE A3 = PANELBOARD DEVICE		FIXTURE CONNECTED TO LIFE SAFETY BRANCH CIRCUIT.	SHEET E-001		DESCRIPTION ICAL SYMBOL LEGEND & DRAWING I
	NOTE: SOME SYMBOLS SHOWN ON THIS			E-002 E-101		ICAL GENERAL NOTES
				E-201	ELECTR	ICAL NEW WORK PLANS



THINK. LISTEN. CREATE.

HTING CONT.

RESCENT FIXTURE G DENOTES HALF OF LAMPS CONNECTED TY BRANCH, OTHER HALF TO NORMAL AMP FIXTURES SHALL HAVE 2 LAMPS TO LIFE SAFETY, 1 LAMP TO NORMAL).

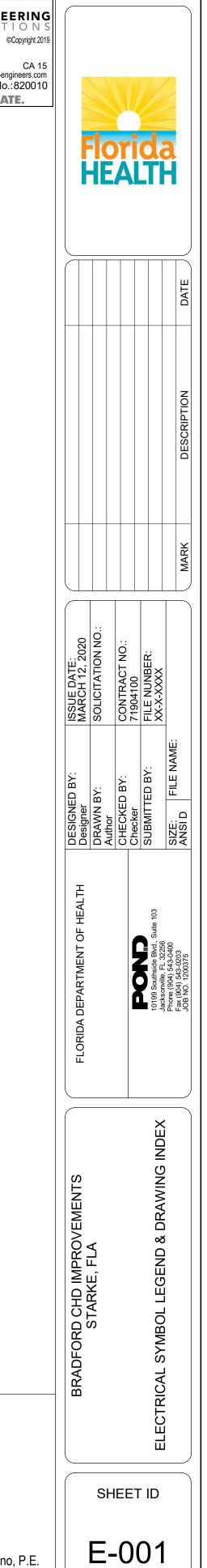
ESCENT WALL MOUNTED FIXTURE WITH

TURE ROWS AS SHOWN)RANT INDICATES FACE(S) OF FIXTURE)

PUTER RACEWAY SYSTEM

DUTLET CEILING MOUNTED

UTLET PEDESTAL MOUNTED



L DRAWING INDEX

DESCRIPTION EGEND & DRAWING INDEX IOTES N PLANS E-201 ELECTRICAL NEW WORK PLANS

SHEET OF

Michael A. Giordano, P.E. Florida License # 67555



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LICABLE SPECIFICATIONS SHALL BE CONSIDERED SUPPLEMENTARY, ONE CONSIDERED THE "CONTRACT DOCUMENTS". ALL WORKMANSHIP, RIALS DESCRIBED OR IMPLIED BY ONE AND NOT DESCRIBED OR IMPLIED BY OVIDED, FURNISHED OR PERFORMED AS IF IT HAD APPEARED IN BOTH DNTRACT DOCUMENTS" DESCRIBED HEREIN IS NOT LIMITED SOLELY TO THE THE DRAWINGS AND SPECIFICATIONS, BUT ENCOMPASSES THE DRAWINGS ALL DIVISIONS AS A WHOLE.	 B. BOX OPENING SHALL OCCUR ONLY O C. BOX OPENING SHALL NOT EXCEED 16 D. ALL CLEARANCES BETWEEN OUTLET WITH JOINT COMPOUND (OR OTHER)
ALL DIVISIONS AS A WHOLE. AND MAINTENANCE MANUAL TO OWNER PRIOR TO THE FINAL IAL SHALL INCLUDE, AS A MINIMUM, (1) SUBMITTAL DATA STATING SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING DVIDE TWO OPERATIONS AND MAINTENANCE MANUALS FOR EACH PIECE OF MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS AND METHOD IPMENT SHALL BE CLEARLY IDENTIFIED, AND THE NAME, PHONE NUMBER .ST ONE QUALIFIED SERVICE AGENCY.	 E. PROVIDE A WALL AROUND OUTLETS WALL RATING SHALL BE MAINTAINED F. THE TOTAL AGGREGATE SURFACE AI INCHES PER 100 SQUARE FEET. G. OUTLET BOXES LOCATED ON OPPOS SEPARATED BY A MINIMUM HORIZON
S ASSOCIATED WITH TEMPORARY ELECTRICAL SERVICE AS REQUIRED FOR ING CONSTRUCTION. REMOVE TEMPORARY POWER AT THE COMPLETION AND PAY FOR ALL REQUIRED PERMITS FOR TEMPORARY POWER. HALL BE PROVIDED WITH ADDITIONAL COMPENSATION FROM THE GNED & SEALED DRAWINGS ARE REQUESTED BY THE CONTRACTOR TO THE REQUIRED BY THE AHJ FOR THE TEMPORARY POWER. SPORT AND DISPOSAL OR RECYLING OF ALL WASTE MATERIALS DJECT IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL RULES, ELINES APPLICABLE. COMPLY FULLY WITH FLORIDA STATUTES REGARDING VEVICES, AND WITH ALL DEP AND EPA APPLICABLE GUIDELINES AT THE TIME DWNER WITH WRITTEN CERTIFICATION OF ACCEPTED DISPOSAL. VE BEEN DESIGNED IN COMPLIANCE WITH SECTION C405.6.3 OF THE CODE, FLORIDA BUILDING CODE REQUIRING A MAXIMUM OF 5% VOLTAGE RS, AND BRANCH CIRCUITS COMBINED.	 H. OUTLET BOXES SHALL BE SECURELY I. THE OPENING IN THE GYPSUM BOARI BETWEEN THE EDGES OF THE OUTLET 4. IT IS THE INTENT THAT ALL DEVICE OUTLET WALLS, CEILINGS OR FLOORS, AND JUNCT FLOORS, OR CONCEALED ABOVE ACCESSI SPECIFICALLY NOTED ON THE CONTRACT I 5. ALL DEVICES SHALL BE MOUNTED VERTICA 6. ALL RECEPTACLES SHALL BE MOUNTED SU 7. WHERE DEVICES ARE SHOWN IN WALLS BARE SEPARATED BY AT LEAST 12". 8. ALL RECEPTACLES LOCATED IN KITCHENS,
E LOCATIONS OF ANY MISCELLANEOUS EQUIPMENT REQUIRING ELECTRICAL ERS, FAX MACHINES, PRINTERS, KITCHEN APPLIANCES, LAUNDRY N SCREENS, SHOP TOOLS, MACHINE, ELEVATORS, ETC.) WITH APPROVED R-PROVIDED CUT SHEETS, MANUFACTURER'S INSTRUCTIONS, AND INFORMATION, PRIOR TO ROUGH IN, AND PROVIDE ALL NECESSARY	 IN MECHANICAL ROOMS, JANITOR CLOSETE ELEVATOR EQUIPMENT ROOMS SHALL BE <u>RACEWAYS</u>: FLEXIBLE METAL CONDUIT AND LIQUIDTIGH LENGTHS THAT EXCEED 6'-0" UNLESS SPEC WRITTEN PERMISSION. ALL FEEDER AND BRANCH CIRCUIT CONDUCTION
TRICAL SYSTEM REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE WORK OF ALL OTHER DIVISIONS/TRADES PRIOR TO COMMENCEMENT OF ENCES WITH THE PROGRESS OF OTHER DIVISIONS/TRADES.	 INSTALLED IN A COMPLETE RACEWAY SYS THE USE OF ELECTRICAL NON-METALLIC T CONDUIT (LFNC) ARE PROHIBITED UNLESS OWNER GRANTS WRITTEN PERMISSION.
OR CONFLICT IS FOUND BETWEEN ONE DRAWING AND ANOTHER, OR ID APPLICABLE SPECIFICATIONS, NOTIFY THE ARCHITECT/ENGINEER I FORM. IN GENERAL, THE MOST STRINGENT REQUIREMENT SHALL GOVERN CY CONFLICTS WITH APPLICABLE CODES OR OWNER'S DESIGN STANDARDS, DWNER'S DESIGN STANDARDS SHALL GOVERN.	4. NO PVC CONDUIT MAY BE USED INSIDE OF UNLESS OTHERWISE NOTED.
DESE PORTIONS OF THE BUILDING AND/OR SITE AFFECTED BY THIS WORK PRICE, SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND AFFECT EXECUTION OF THE WORK. SUBMISSION OF A BID PRICE SHALL BE THAT SUCH EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, ERIALS REQUIRED DUE TO DIFFICULTIES ENCOUNTERED THAT COULD HAVE ERVED WILL NOT BE RECOGNIZED.	 ALL CONDUIT TERMINATIONS AT TERMINAL CONDUIT ENDS. ALL CONDUITS ARE TO BE CONCEALED UN EXPOSED CEILINGS, BUILDING EXTERIOR V OR IN WALLS AND MILLWORK. WHERE EXIS CONCEALED, NOTIFY ARCHITECT/ENGINEE ROUTING.
FIONS AND DEBRIS REMOVAL IN A MANNER THAT ENSURES MINIMUM RMAL BUSINESS OPERATIONS, TRAFFIC, PARKING, ETC. ONGOING IN ACES OR FACILITIES. PROVIDE ALL THAT IS REQUIRED TO EFFECTIVELY 5 OCCUPANTS, EQUIPMENT, FINISHES, FURNITURE, ETC. FROM DAMAGE OR JGHOUT THE DURATION OF THIS PROJECT. CONTRACTOR IS RESPONSIBLE MAGE. ANY DAMAGE RESULTING FROM THE FAILURE TO ADHERE TO THIS E DAMAGED ELEMENTS TO ORIGINAL CONDITION BY THE CONTRACTOR TO THE	 SEAL ALL PENETRATIONS AND OPENINGS I WALLS. WALLS SHALL BE SEALED WITH UL RATING OF WALL PENETRATED. PROVIDE ALL PENETRATIONS THROUGH FL COORDIANTE LOCATIONS AND SIZES WITH CONDITIONS AND WORK OF ALL OTHER DIV
ACHITECT/ENGINEER AND OWNER, AT NO ADDITIONAL COSTS. REPORT OF ANY THE ARCHITECT/ENGINEER AND OWNER IMMEDIATELY AND AWAIT WRITTEN DCEEDING WITH REPAIRS. ION OF ALL LIGHT FIXTURES, DEVICES AND BOXES WITH WINDOWS, MIRRORS, ASS CURTAIN WALLS, AND GLASS WALLS PRIOR TO INSTALLATION OF EVIEW ALL CONTRACT DRAWINGS TO ASCERTAIN ANY CONFLICTS PRIOR TO CATION FROM A/E PRIOR TO BID. CONTRACTOR SHALL NOT BE ENTITLED TO ION FOR WORK REQUIRED TO RELOCATE OUTLET BOXES OR RACEWAYS FOR HER TRADE'S WORK.	 WATERTIGHT. 9. PANEL SCHEDULES AND FLOOR PLANS MA CIRCUIT. BRANCH CIRCUITS MAY BE GROU DOES NOT EXCEED 3 PHASE CONDUCTORS GROUND. THE HOMERUN RACEWAY SIZE A NECESSARY TO COMPLY WITH THE NEC FO 10. IT IS THE INTENT THAT ALL RACEWAYS BE BELOW SLAB UNLESS SPECIFICALLY NOTE
: MATERIALS SUITABLE FOR AND RATED FOR THE ENVIRONMENT IN WHICH .ED. ALL COMPONENTS OF THE ELECTRICAL SYSTEM LOCATED OUTDOORS OR .ED TO SIGNIFICANT MOISTURE SHALL BE WEATHERPROOF, NEMA 3R, AS A CATED ON THE CONTRACT DRAWINGS OR NOT.	PERMISSION. WHERE RACEWAYS ARE INST RACEWAY SIZE, AND ANY OTHER STRUCTU STRUCTURAL DRAWINGS AND THE STRUCT 11. PROVIDE SEAL OFF FITTINGS, APPROVED F BETWEEN A DRY, CONDITIONED ENVIRONN AS WALK-IN COOLERS OR FREEZERS, KITC
NS FOR ALL ELECTRICAL EQUIPMENT (PANELBOARDS, SWITCHBOARD, NNECT SWITCHES, MOTOR CONTROLLERS, AUTOMATIC TRANSFER SWITCHES, AKERS, WIREWAYS, ETC.) SHALL BE LISTED AND IDENTIFIED FOR USE WITH DUCTORS IN ACCORDANCE WITH NEC.	12. MINIMUM RACEWAY SIZE SHALL BE 3/4" UN 13. SET SCREW TYPE FITTINGS ARE ALLOWED
FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC. DIRECTORIES FOR ALL NEW PANELBOARDS, AND EXISTING PANELBOARDS ECT. DIRECTORIES SHALL REFLECT PROJECT AS- BUILT CONDITIONS FOR ALL CTORIES SHALL INCLUDE WHERE EACH PANEL IS FED FROM. ADDITIONALLY, OAD DESCRIPTION SHALL INCLUDE THE ROOM NUMBER(S) FOR EACH LOAD ELES-RMS 501,503). ROOM NUMBERS SHALL BE BASED ON ACTUAL ROOM IELD. COORDINATE EXACT ROOM NUMBERS WITH A/E AND OWNER PRIOR TO	 <u>CONDUCTORS</u>: ALL WIRE SHALL BE SIZED AS SHOWN ON T BE #12 AWG, EXCEPT THAT BRANCH HOME FOR 120/208 VOLT CIRCUITS, AND HOMERU FOR 277/480 VOLT CIRCUITS. REFER TO BR CIRCUIT WIRING SHALL BE SIZED TO LIMIT LESS. ALL WIRE SIZES ARE BASED ON AMPACITIE
DIRECTORIES. E INSIDE OF EACH DEVICE COVERPLATE, IDENTIFYING THE PANEL(S)/ CIRCUIT DNNECTED TO.	 ALL CONDUCTORS IN CABINETS MUST BE CONDUCTOR DROPS OFF DIRECTLY OPPORT ALL CONDUCTORS SHALL BE COPPER, THE STRANDED FOR #8 AWG AND LARGER.
WRITTEN IDENTIFICATION ON THE EXTERIOR COVER OF ALL JUNCTION BOXES, AYS, IDENTIFYING THE PANEL(S)/ CIRCUIT NUMBER(S) CONTAINED WITHIN. NTIFICATION PER ANSI STANDARDS, NEC REQUIREMENTS, AND OWNER'S NDARDS WHERE APPLICABLE.	 METAL CLAD (MC) CABLE IS ACCEPTABLE F CIRCUITS FOR LIGHTING AND RECEPTACLE OR GYPBOARD CEILINGS, IN METAL STUD V & WIRING FOR HOMERUNS, AND IS TO BE N
UTLET BOXES, JUNCTION BOXES: BE MOUNTED 48 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE, TED. ATA OUTLETS, WALL FURNITURE FEEDS SHALL BE MOUNTED 18 INCHES ABOVE	TO THE BUILDING LINES. <u>GROUNDING</u> : 1. FIRE PROTECTION PIPING SHALL NOT BE U 2. ALL FEEDERS AND BRANCH CIRCUITS SHAL
TER LINE OF DEVICE, UNLESS OTHERWISE NOTED. ABOVE COUNTER MOUNTED 6" ABOVE BACK SPLASH TO CENTERLINE OF DEVICE, UNLESS S ARE LOCATED IN VERTICAL FIRE-RESISTIVE ASSEMBLIES, (CLASSIFIED AS PARTITIONS), THEY SHALL BE INSTALLED WITHOUT AFFECTING THE FIRE	 ALL FEEDERS AND BRANCH CIRCUITS SHAL RACEWAYS SHALL NOT BE USED AS EQUIP <u>LIGHTING</u>: LIGHT FIXTURES SUPPORTED BY CEILING OF FIXTURES WEIGHING LESS THAN 10 POUND

ELECTRICAL GENERAL NOTES

- ON ONE SIDE OF FRAMING SPACE.
- 16 SQUARE INCHES.
- T BOX AND GYPSUM BOARD SHALL BE COMPLETELY FILLED R APPROVED MATERIAL).
- S LARGER THAN 16 SQUARE INCHES. THE INTEGRITY OF THE
- AREA OF THE BOXES SHALL NOT EXCEED 100 SQUARE
- SITE SIDES OF FIRE RESISTIVE ASSEMBLIES SHALL BE NTAL DISTANCE OF 24 INCHES.
- LY FASTENED TO WALL FRAMING MEMBERS.
- RD FACING SHALL BE CUT NOT TO EXCEED 1/8 INCH LET BOX AND THE EDGES OF THE OPENING.
- ET BOXES (POWER AND SYSTEMS) BE FLUSH MOUNTED IN CTION BOXES FLUSH MOUNTED IN WALLS, CEILINGS, OR SIBLE CEILINGS, AND NOT SURFACE MOUNTED, UNLESS T DRAWINGS, OR UNLESS A/E GRANTS WRITTEN PERMISSION.
- CALLY, UNLESS OTHERWISE NOTED.
- SUCH THAT THE GROUND PIN IS MOUNTED UP.
- BACK-TO-BACK ON OPPOSITE SIDES, INSTALL SO THAT THEY
- S, BATHROOMS OR WITHIN 6' OF THE INSIDE FACE OF A SINK, TS, ELEVATOR SHAFTS, ELEVATOR SUMP PUMP, AND E GFCI TYPE OR GFCI PROTECTED.
- GHT METAL CONDUIT (FMC & LFMC) SHALL NOT BE USED IN ECIFICALLY NOTED OTHERWISE, OR UNLESS A/E GRANTS
- DUCTORS, INCLUDING LOW VOLTAGE SYSTEMS, SHALL BE STEM (CONDUIT) UNLESS SPECIFIED NOTED OTHERWISE.
- TUBING (ENT) AND LIQUIDTIGHT FLEXIBLE NON-METALLIC SS SPECIFICALLY NOTED OTHERWISE, OR UNLESS A/E OR
- BUILDING UNLESS ROUTED UNDERGROUND, AND
- AL BOARDS ARE TO HAVE GROUNDING BUSHINGS AT
- JNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E., R WALL RUNS). CONCEAL ALL CONDUITS ABOVE CEILINGS XISTING CONDITIONS DICTATE THAT CONDUITS CANNOT BE EER PRIOR TO INSTALLING CONDUIT FOR RESOLUTION TO
- S MADE DURING EXECUTION OF WORK IN FIRE-RATED L-APPROVED PRODUCT WITH THE SAME OR GREATER
- FLOORS, WALL, CEILINGS AND ROOFS WHERE REQUIRED. H ARCHITECTURAL AND STRUCTURAL DRAWINGS, FIELD DIVISIONS/TRADES. ALL OPENINGS ARE TO BE SEALED
- IAY INDICATE DEDICATED HOMERUNS FOR EACH BRANCH UPED IN A COMMON HOMERUN WHERE THE HOMERUN RS, 3 NEUTRAL CONDUCTORS, AND 1 EQUIPMENT AND CONDUCTOR SIZE SHALL BE INCREASED AS FOR 40% MAXIMUM FILL AND DERATING REQUIREMENTS.
- E CONCEALED IN WALLS, ABOVE CEILINGS, IN SLAB, OR ED OTHERWISE, OR UNLESS A/E GRANTS WRITTEN STALLED IN SLABS. THE MINIMUM SPACING. MAXIMUM TURAL LIMITATIONS SHALL BE COORDINATED WITH THE CTURAL ENGINEER PRIOR TO INSTALLATION.
- D FOR SUCH USE, WHERE RACEWAYS PENETRATE NMENT AND THE EXTERIOR OR WET ENVIRONMENTS SUCH CHEN WASH-DOWN AREAS, ETC.
- JNLESS NOTED OTHERWISE.
- D FOR EMT CONDUIT.
- I THE DRAWINGS. IF NO SIZE IS SHOWN, THEN WIRE SHALL IERUNS OVER 100' IN LENGTH SHALL BE MINIMUM #10 AWG RUNS OVER 200' IN LENGTH SHALL BE MINIMUM #10 AWG RANCH CIRCUIT VOLTAGE DROP TABLES BELOW. BRANCH T THE VOLTAGE DROP TO 3% OF NOMINAL VOLTAGE OR
- TIES FOR 75 DEG. F TEMPERATURE RATING LISTED IN NEC.
- E CAREFULLY FORMED AND HARNESSED SO THAT EACH POSITE TO TERMINAL.
- HHN/THWN , AND SOLID FOR #10 AWG AND SMALLER, AND
- E FOR USE IN LIEU OF CONDUIT AND WIRING FOR BRANCH LES ONLY, AND ONLY WHERE CONCEALED (ABOVE LAY-IN D WALLS). MC CABLE IS TO BE TRANSITIONED TO CONDUIT NEATLY INSTALLED, RUN PARALLEL AND PERPENDICULAR
- USED FOR GROUNDING.
- ALL INCLUDE AN EQUIPMENT GROUND CONDUCTOR. METAL IPMENT GROUND.
- GRID SHALL BE SUPPORTED AS FOLLOWS: LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE 12-GAUGE HANGER WIRE CONNECTED FROM THE LIGHT FIXTURE TO THE STRUCTURE ABOVE. LIGHT FIXTURES WEIGHING 10 POUNDS OR MORE SHALL HAVE (2) 12-GAUGE HANGER WIRES ATTACHED AT OPPOSITE CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE.

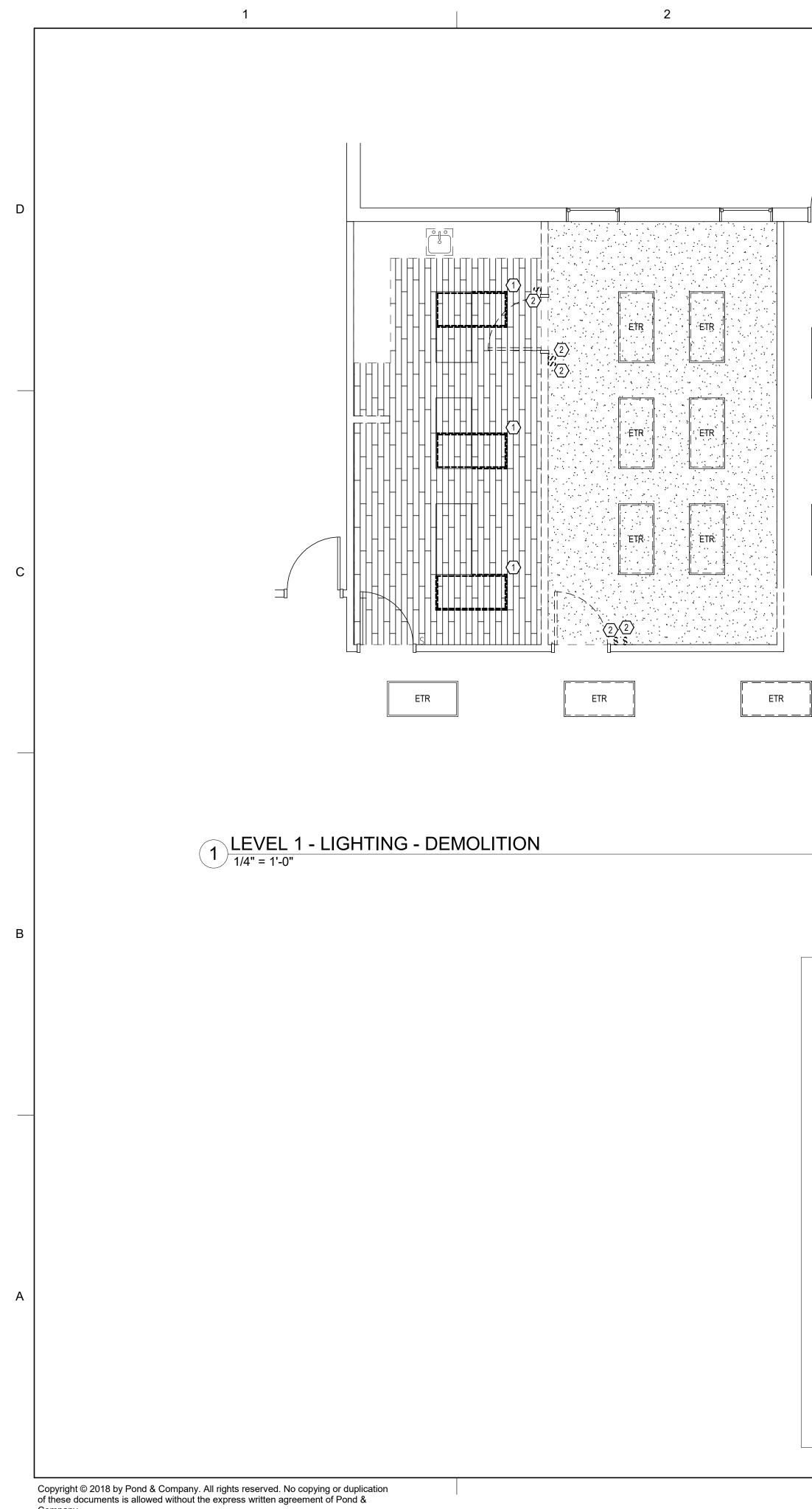
- 2. COORDINATE EXACT LOCATIONS OF ARCHITECTURAL REFLECTED CEILING FIXTURES WITH ARCHITECTURAL ELE LIGHTS DIFFERS BETWEEN THE ARCH PROVIDE THE HIGHEST QUANTITY OF SHALL BE BROUGHT TO THE ATTENTI TO THE LOCAL ROOM OR AREA LIGHT OTHERWISE DIRECTED IN WRITING BY
- VERIFY ACTUAL CEILING CONSTRUCT AND FURNISH ALL LIGHT FIXTURES W SUCH VARIATIONS ARE INDICATED BY ALL RECESSED LIGHT FIXTURES WITH FIXTURES. ANY DISCREPANCIES THAT INTO CEILING SHALL BE REPORTED T
- LIGHT FIXTURES RECESSED IN FIRE-F RATED ENCLOSURE WITH A FIRE RAT 3" CLEARANCE FROM SIDES AND TOP
- MODIFY ALL LIGHT FIXTURE CATALOG BRANCH CIRCUIT VOLTAGES INDICAT FIXTURE MOUNTING AND TRIM REQUI INSTALLED.
- . ALL LIGHT FIXTURES SHALL BE PROVI
- PROVIDE ALL TEMPORARY NORMAL L DURING THE PROJECT CONSTRUCTION
- REFER TO LIGHT FIXTURE SCHEDULE NUMBERS AND ADDITIONAL INFORMA THEREOF.
- COORDINATE LIGHT FIXTURE TRIM TY
- 10. EACH LIGHTING CIRCUIT SHALL BE PF
- GENERAL SPECIFICATIONS:
- THE DRAWINGS ARE DIAGRAMMATIC CONSTRUCTION, METHODS, MATERIA INDICATE THE RESULT TO BE ACHIEV COMPLETE AND OPERATIONAL ELECT COORDINATE EXACT EQUIPMENT LOC CONTRACT DOCUMENTS, AS WELL AS ALL OTHER DIVISIONS/TRADES.
- THE TERM "PROVIDE" USED IN THE CO MATERIALS REQUIRED FOR CORRECT NOTED OTHERWISE.
- UNLESS NOTED AS EXISTING, ALL ELE NEW, SHALL BE U.L. LISTED, AND SHA AVAILABLE, THE MATERIAL SHALL BE ELECTRICAL TESTING AGENCY.
- PROVIDE EXPERIENCED, QUALIFIED A THE CONTRACT DOCUMENTS. ALL EL WORKMANLIKE MANNER, TO THE SAT
- CARRY ALL INSURANCE REQUIRED TO FOR THE DURATION OF THIS PROJEC
- GUARANTEE ALL MATERIALS AND WC LESS THAN ONE YEAR FROM THE DAT OWNER, UNLESS OTHERWISE NOTED CORRECTION OF ANY DEFECTS INCLU
- INCLUDE ALL COSTS ASSOCIATED WI TEMPORARY POWER IN THE BID PRIC
- 8. IF HAZARDOUS MATERIALS ARE ENCO AND GUIDELINES CONCERNING REMO ENVIRONMENTAL EXPOSURE OR POL
- PROVIDE ELECTRONIC SUBMITTALS (COMPONENT OF THE ELECTRICAL SY COMPONENTS INCLUDE, BUT ARE NO DEVICES, LIGHT FIXTURES, SWITCHG FIRE ALARM SYSTEM, ETC. ALL SUBM CONTRACTOR FOR CONFORMANCE V THE A/E. ALLOW A MINIMUM OF TEN (* NOTED IN DIVISION 1.
- 10. THE ELECTRICAL PORTION OF THE CO BASIS EQUIPMENT SPECIFIED BY DIVI ELECTS TO SUBSTITUTE A PRODUCT SUBSTITUTION IS ACCEPTED BY THE CORRECTIONS TO THE ELECTRICAL **OPERATIONAL INSTALLATION OF THE** CONTRACTOR'S DESIGN SUBSTITUTION CONTRACT DOCUMENTS, THE ENGIN THE CONTRACTOR FOR SAID SERVIC
- MAINTAIN A CURRENT AND ACCURAT SITE THROUGHOUT THE DURATION O DAY TO REFLECT THE ACTUAL LOCAT ELECTRICAL SYSTEM AFFECTED BY ISSUED TO THE A/E FOR REVIEW AND DATE OF FINAL ACCEPTANCE. PROVID INCLUDING SINGLE LINE DIAGRAM, PC DISTRIBUTION SYSTEM, SITE PLANS A ETC.

APPL

- STANDARDS AND PRACTICES LISTED LIFE SAFETY CODE, NFPA 101. UNDERWRITERS LABORATORIE NATIONAL FIRE PROTECTION AS
- AMERICAN NATIONAL STANDAR NATIONAL ELECTRICAL CODE (N INSTITUTE OF ELECTRICAL AND NATIONAL ELECTRICAL MANUFA REQUIREMENTS OF LOCAL POW н
- THE AMERICANS WITH DISABILI
- OWNER'S PUBLISHED DESIGN S
- THE FLORIDA ACCESSIBILITY CO
- THE FLORIDA ENERGY CONSER M. FLORIDA FIRE PREVENTION COL
- N. FLORIDA BUILDING CODE, 2017 I

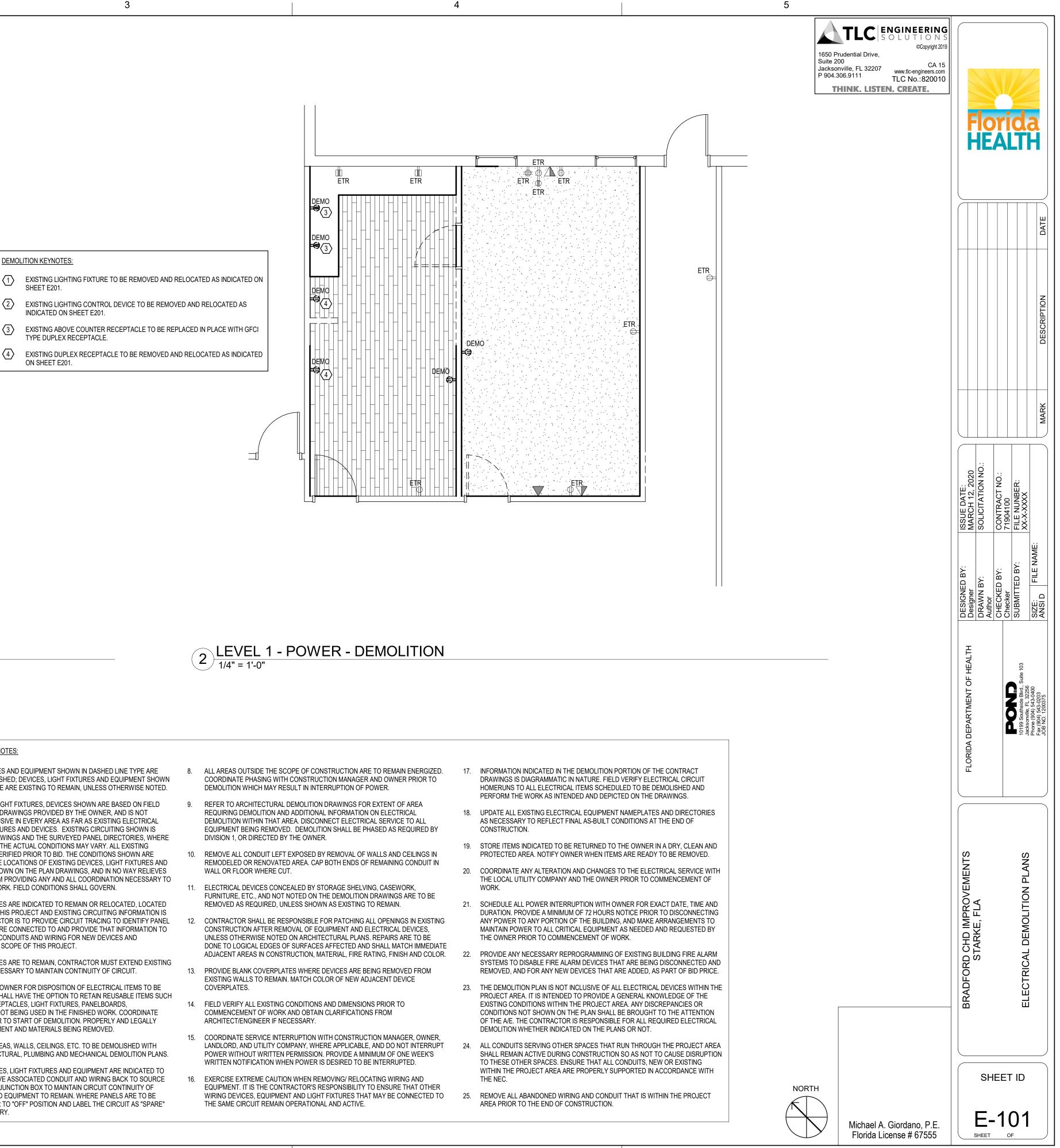
	TLC ENGINEERING SOLUTION 1650 Prudential Drive,			
COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES IN LAY-IN AND GYPBOARD CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS, AND WALL MOUNTED EXTERIOR AND INTERIOR LIGH FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION. WHERE THE QUANTITY OF LIGHTS DIFFERS BETWEEN THE ARCHITECTURAL RCP AND THE ELECTRICAL LIGHTING PLANS, PROVIDE THE HIGHEST QUANTITY OF FIXTURES IN THE BID PRICE. THE DISCREPANCY IN QUANTITY SHALL BE BROUGHT TO THE ATTENTION OF THE A/E. THE HIGHEST QUANTITY SHALL BE CIRCUITED TO THE LOCAL ROOM OR AREA LIGHTING CIRCUITS AND LIGHTING CONTROL DEVICES, UNLESS OTHERWISE DIRECTED IN WRITING BY THE ARCHITECT/ENGINEER.	HT F Y		orida ALTH	
VERIFY ACTUAL CEILING CONSTRUCTION TYPE AS DEFINED ON THE ARCHITECTURAL DRAWINGS AND FURNISH ALL LIGHT FIXTURES WITH THE CORRECT MOUNTING DEVICES WHETHER OR NOT SUCH VARIATIONS ARE INDICATED BY THE LIGHT FIXTURE CATALOG NUMBER. VERIFY THE DEPTH ALL RECESSED LIGHT FIXTURES WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ORDERING LIGH FIXTURES. ANY DISCREPANCIES THAT WOULD CAUSE THE RECESSED LIGHT FIXTURES NOT TO FIT INTO CEILING SHALL BE REPORTED TO ARCHITECT/ENGINEER PRIOR TO ORDERING LIGHT FIXTUR	i OF HT T			
LIGHT FIXTURES RECESSED IN FIRE-RATED CEILINGS SHALL BE PROVIDED WITH APPROVED FIRE- RATED ENCLOSURE WITH A FIRE RATING EQUAL TO THAT OF THE CEILING. PROVIDE A MINIMUM O 3" CLEARANCE FROM SIDES AND TOP OF RECESSED LIGHT FIXTURES.			DATE	
MODIFY ALL LIGHT FIXTURE CATALOG NUMBERS AS REQUIRED TO COORDINATE WITH THE LIGHTI BRANCH CIRCUIT VOLTAGES INDICATED. COORDINATE THE CATALOG NUMBERS WITH THE EXACT FIXTURE MOUNTING AND TRIM REQUIRED BY THE CEILING IN WHICH EACH FIXTURE IS BEING INSTALLED.				
ALL LIGHT FIXTURES SHALL BE PROVIDED COMPLETE WITH LAMPS, UNLESS OTHERWISE NOTED. PROVIDE ALL TEMPORARY NORMAL LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNAGE REQUIR DURING THE PROJECT CONSTRUCTION PHASE.	RED		DESCRIPTION	
REFER TO LIGHT FIXTURE SCHEDULE FOR LIGHT FIXTURE TYPES, DESCRIPTIONS, CATALOG NUMBERS AND ADDITIONAL INFORMATION PERTINENT TO THE LIGHT FIXTURE OR INSTALLATION THEREOF.			DESCE	1
COORDINATE LIGHT FIXTURE TRIM TYPE AND FINISH COLOR WITH ARCHITECT PRIOR TO ORDERIN	NG.			
. EACH LIGHTING CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.				
GENERAL SPECIFICATIONS: THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EVERY DETAIL OF CONSTRUCTION, METHODS, MATERIALS AND EQUIPMENT, OR EXACT LOCATIONS, ROUTING, ETC. INDICATE THE RESULT TO BE ACHIEVED BY THE ASSEMBLAGE OF SEVERAL SYSTEMS FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. DO NOT SCALE THE CONTRACT DOCUMENTS COORDINATE EXACT EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL, CIVIL AND STRUCTURAL CONTRACT DOCUMENTS, AS WELL AS FIELD CONDITIONS, APPROVED SHOP DRAWINGS AND WOR ALL OTHER DIVISIONS/TRADES.	'S. L	20 NO:	MARK	
THE TERM "PROVIDE" USED IN THE CONTRACT DOCUMENTS INDICATES TO FURNISH AND INSTALL MATERIALS REQUIRED FOR CORRECT INSTALLATION OF A COMPLETE SYSTEM, UNLESS SPECIFIC/ NOTED OTHERWISE.		ISSUE DATE: MARCH 12, 2020 SOLICITATION NC	CONTRACT NO.: 71904100 FILE NUNBER: XX-X-XXXX	
UNLESS NOTED AS EXISTING, ALL ELECTRICAL INDICATED ON THE CONTRACT DOCUMENTS SHALL NEW, SHALL BE U.L. LISTED, AND SHALL BEAR A U.L. LABEL. WHERE NO U.L. LABEL OR LISTING IS AVAILABLE, THE MATERIAL SHALL BE LISTED WITH AN APPROVED, NATIONALLY RECOGNIZED ELECTRICAL TESTING AGENCY.	LBE	ISSUE MARCI SOLICI		
PROVIDE EXPERIENCED, QUALIFIED AND RESPONSIBLE SUPERVISION FOR ALL WORK REQUIRED E THE CONTRACT DOCUMENTS. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, TO THE SATISFACTION OF THE ARCHITECT/ENGINEER AND OWNER.	BY) BY: 'Y:	Author CHECKED BY: Checker SUBMITTED BY: SIZE: FILE NAME: ANSI D	
CARRY ALL INSURANCE REQUIRED TO PROTECT AGAINST PUBLIC LIABILITY AND PROPERTY DAMA FOR THE DURATION OF THIS PROJECT.	AGE	IGNEC Igner WN B		-
GUARANTEE ALL MATERIALS AND WORKMANSHIP ARE FREE FROM DEFECTS FOR A PERIOD OF NO LESS THAN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT/ENGINEER AND OWNER, UNLESS OTHERWISE NOTED IN DIVISION 1. AT NO ADDITIONAL COSTS, PROVIDE THE CORRECTION OF ANY DEFECTS INCLUDING REPAIR OR REPLACEMENT.			Autho CHEC CHEC SUBN SUBN ANSI	_
INCLUDE ALL COSTS ASSOCIATED WITH PERMITS, LICENSES, FEES, INSPECTIONS, TESTING AND TEMPORARY POWER IN THE BID PRICE, UNLESS NOTED OTHERWISE.		OF HEALTH	uite 103	
IF HAZARDOUS MATERIALS ARE ENCOUNTERED, COMPLY WITH ALL APPLICABLE RULES, REGULAT AND GUIDELINES CONCERNING REMOVAL, HANDLING, DISPOSAL AND PROTECTION AGAINST ENVIRONMENTAL EXPOSURE OR POLLUTION. PROVIDE DOCUMENTATION OF SAID COMPLIANCE.	TIONS	IENT	ide BVd., S 226 223 0375	
PROVIDE ELECTRONIC SUBMITTALS (PRODUCT DATA & SHOP DRAWINGS) FOR EACH MAJOR COMPONENT OF THE ELECTRICAL SYSTEM FOR REVIEW BY THE A/E AND OWNER. MAJOR COMPONENTS INCLUDE, BUT ARE NOT LIMITED TO, RACEWAYS, BOXES, WIRE AND CABLE, EQUIPM DEVICES, LIGHT FIXTURES, SWITCHGEAR, PANELBOARDS, CIRCUIT BREAKERS, SAFETY SWITCHES FIRE ALARM SYSTEM, ETC. ALL SUBMITTALLS ARE TO BE REVIEWED AND APPROVED BY THE CONTRACTOR FOR CONFORMANCE WITH THE PROJECT REQUIREMENTS PRIOR TO SUBMITTING T THE A/E. ALLOW A MINIMUM OF TEN (10) BUSINESS DAYS FOR REVIEW BY A/E, UNLESS OTHERWISE NOTED IN DIVISION 1.	s, to	FLORIDA DEPARTN	10199 Souths Jacksonville, I Phone (904) 543 JOB NO. 120	
D. THE ELECTRICAL PORTION OF THE CONTRACT DOCUMENTS ARE COORDINATED WITH THE DESIGN BASIS EQUIPMENT SPECIFIED BY DIVISION 26 AND OTHER DIVISIONS. WHERE THE CONTRACTOR ELECTS TO SUBSTITUTE A PRODUCT IN LIEU OF PROVIDING THE DESIGN BASIS, AND SAID SUBSTITUTION IS ACCEPTED BY THE A/E AND OWNER, THE CONTRACTOR SHALL MAKE ALL CORRECTIONS TO THE ELECTRICAL SYSTEM NECESSARY IN ORDER TO ENSURE A COMPLETE AND OPERATIONAL INSTALLATION OF THE EQUIPMENT AT NO ADDITIONAL COSTS. WHERE THE CONTRACTOR'S DESIGN SUBSTITUTION RESULTS IN THE NEED FOR THE ENGINEER TO REVISE TH CONTRACT DOCUMENTS, THE ENGINEER RESERVES THE RIGHT TO REQUEST COMPENSATION FR THE CONTRACTOR FOR SAID SERVICES.	ID IE	VTS		
. MAINTAIN A CURRENT AND ACCURATE SET OF PROJECT RECORD DOCUMENTS (AS-BUILTS) AT TH SITE THROUGHOUT THE DURATION OF THE PROJECT. RECORD DRAWINGS SHALL BE UPDATED EA DAY TO REFLECT THE ACTUAL LOCATIONS, SIZES, ROUTING, ETC. OF EACH PORTION OF THE ELECTRICAL SYSTEM AFFECTED BY THIS WORK. A FINAL SET OF RECORD DOCUMENTS SHALL BE ISSUED TO THE A/E FOR REVIEW AND THEN SUBMITTED TO THE OWNER WITHIN 30 DAYS AFTER TH DATE OF FINAL ACCEPTANCE. PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING SINGLE LINE DIAGRAM, POWER RISER DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM, SITE PLANS AND ALL ELECTRICAL FLOOR PLANS, DETAILS, PANEL SCHEDU ETC.	ACH	D CHD IMPROVEMENTS STARKE, FLA	ELECTRICAL GENERAL NOTES	
APPLICABLE CODES		BRADFORD S ⁻	CTRIC	
ALL WORK AND EQUIPMENT UNDER THIS DIVISION SHALL BE IN STRICT COMPLIANCE WITH THE CC STANDARDS AND PRACTICES LISTED HEREIN:	ODES,	BRAD	ELE	
 A. LIFE SAFETY CODE, NFPA 101. B. UNDERWRITERS LABORATORIES, INC. (UL) PUBLICATIONS. C. NATIONAL FUEL PROTECTION ASSOCIATION (ALERA). 				
 C. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). D. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI). E. NATIONAL ELECTRICAL CODE (NEC), 2014 EDITION.)
 F. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE). G. NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA). H. REQUIREMENTS OF LOCAL POWER COMPANY. 		S	HEET ID	
I. THE AMERICANS WITH DISABILITIES ACT (ADA).J. OWNER'S PUBLISHED DESIGN STANDARDS.				
 K. THE FLORIDA ACCESSIBILITY CODE. L. THE FLORIDA ENERGY CONSERVATION CODE. M. FLORIDA FIRE PREVENTION CODE, 2017 EDITION. N. FLORIDA BUILDING CODE, 2017 EDITION. INTERNATIONAL BUILDING CODE. 	Michael A. Giordano, P.E. Florida License # 67555	SHEE	-002	

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Company.





2 LEVEL 1 - POWER - DEMOLITION 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

ETR

ETR

ETR

ETR

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1. DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN DASHED LINE TYPE ARE EXISTING TO BE DEMOLISHED; DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN LIGHT SOLID LINE TYPE ARE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.

DEMOLITION KEYNOTES:

SHEET E201.

ON SHEET E201.

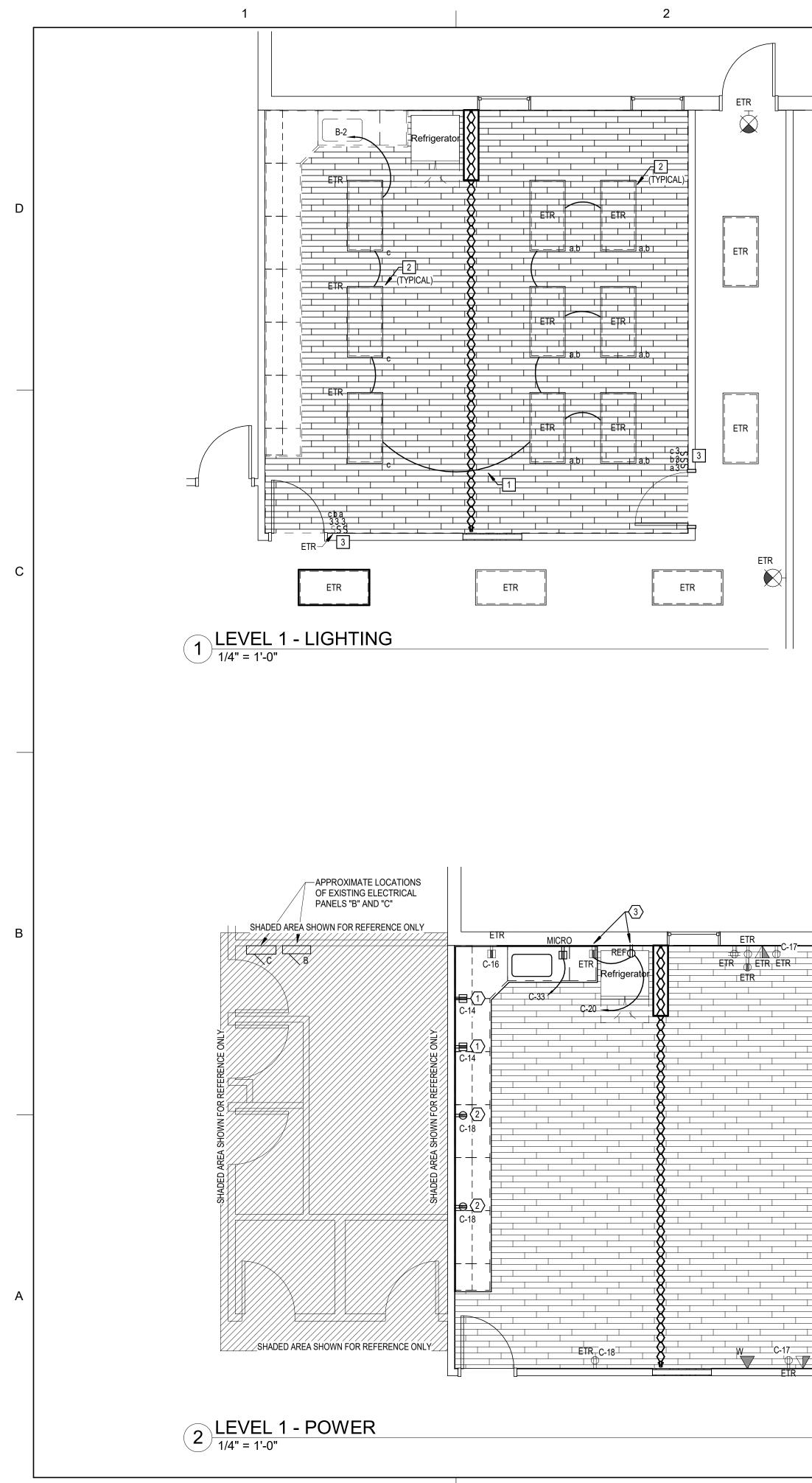
INDICATED ON SHEET E201.

TYPE DUPLEX RECEPTACLE.

- 2. EXISTING EQUIPMENT, LIGHT FIXTURES, DEVICES SHOWN ARE BASED ON FIELD SURVEYS AND RECORD DRAWINGS PROVIDED BY THE OWNER, AND IS NOT NECESSARILY ALL INCLUSIVE IN EVERY AREA AS FAR AS EXISTING ELECTRICAL EQUIPMENT, LIGHIT FIXTURES AND DEVICES. EXISTING CIRCUITING SHOWN IS BASED ON RECORD DRAWINGS AND THE SURVEYED PANEL DIRECTORIES, WHERE THEY WERE AVAILABLE. THE ACTUAL CONDITIONS MAY VARY. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. THE CONDITIONS SHOWN ARE INTENDED TO SHOW THE LOCATIONS OF EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT, WHERE SHOWN ON THE PLAN DRAWINGS, AND IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING ANY AND ALL COORDINATION NECESSARY TO COMPLETE THE NEW WORK. FIELD CONDITIONS SHALL GOVERN.
- 3. WHERE EXISTING DEVICES ARE INDICATED TO REMAIN OR RELOCATED, LOCATED WITHIN THE SCOPE OF THIS PROJECT AND EXISTING CIRCUITING INFORMATION IS UNAVAILABLE, CONTRACTOR IS TO PROVIDE CIRCUIT TRACING TO IDENTIFY PANEL AND CIRCUIT DEVICES ARE CONNECTED TO AND PROVIDE THAT INFORMATION TO A/E PRIOR TO ROUTING CONDUITS AND WIRING FOR NEW DEVICES AND EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT.
- WHERE EXISTING DEVICES ARE TO REMAIN, CONTRACTOR MUST EXTEND EXISTING CIRCUITING WHERE NECESSARY TO MAINTAIN CONTINUITY OF CIRCUIT.
- 5. COORDINATE WITH THE OWNER FOR DISPOSITION OF ELECTRICAL ITEMS TO BE DEMOLISHED. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS SUCH AS COVERPLATES, RECEPTACLES, LIGHT FIXTURES, PANELBOARDS, TRANSFORMERS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH THE OWNER PRIOR TO START OF DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
- 6. COORDINATE EXACT AREAS, WALLS, CEILINGS, ETC. TO BE DEMOLISHED WITH ARCHITECTURAL, STRUCTURAL, PLUMBING AND MECHANICAL DEMOLITION PLANS.
- 7. WHERE EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT ARE INDICATED TO BE DEMOLISHED, REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PANEL OR TO NEAREST JUNCTION BOX TO MAINTAIN CIRCUIT CONTINUITY OF DEVICES TO REMAIN AND EQUIPMENT TO REMAIN. WHERE PANELS ARE TO BE REMAIN, TURN BREAKER TO "OFF" POSITION AND LABEL THE CIRCUIT AS "SPARE" ON THE PANEL DIRECTORY.

- 8. ALL AREAS OUTSIDE THE SCOPE OF CONSTRUCTION ARE TO REMAIN ENERGIZED. COORDINATE PHASING WITH CONSTRUCTION MANAGER AND OWNER PRIOR TO DEMOLITION WHICH MAY RESULT IN INTERRUPTION OF POWER.
- 9. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF AREA REQUIRING DEMOLITION AND ADDITIONAL INFORMATION ON ELECTRICAL DEMOLITION WITHIN THAT AREA. DISCONNECT ELECTRICAL SERVICE TO ALL EQUIPMENT BEING REMOVED. DEMOLITION SHALL BE PHASED AS REQUIRED BY DIVISION 1, OR DIRECTED BY THE OWNER.
- 10. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED OR RENOVATED AREA. CAP BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.
- 11. ELECTRICAL DEVICES CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC., AND NOT NOTED ON THE DEMOLITION DRAWINGS ARE TO BE REMOVED AS REQUIRED, UNLESS SHOWN AS EXISTING TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING 12. CONSTRUCTION AFTER REMOVAL OF EQUIPMENT AND ELECTRICAL DEVICES, UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS. REPAIRS ARE TO BE DONE TO LOGICAL EDGES OF SURFACES AFFECTED AND SHALL MATCH IMMEDIATE ADJACENT AREAS IN CONSTRUCTION, MATERIAL, FIRE RATING, FINISH AND COLOR.
- 13. PROVIDE BLANK COVERPLATES WHERE DEVICES ARE BEING REMOVED FROM EXISTING WALLS TO REMAIN. MATCH COLOR OF NEW ADJACENT DEVICE COVERPLATES.
- 14. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK AND OBTAIN CLARIFICATIONS FROM ARCHITECT/ENGINEER IF NECESSARY.
- 15. COORDINATE SERVICE INTERRUPTION WITH CONSTRUCTION MANAGER, OWNER, LANDLORD, AND UTILITY COMPANY, WHERE APPLICABLE, AND DO NOT INTERRUPT POWER WITHOUT WRITTEN PERMISSION. PROVIDE A MINIMUM OF ONE WEEK'S WRITTEN NOTIFICATION WHEN POWER IS DESIRED TO BE INTERRUPTED.
- 16. EXERCISE EXTREME CAUTION WHEN REMOVING/ RELOCATING WIRING AND EQUIPMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT OTHER WIRING DEVICES, EQUIPMENT AND LIGHT FIXTURES THAT MAY BE CONNECTED TO THE SAME CIRCUIT REMAIN OPERATIONAL AND ACTIVE.

ORIGINAL SHEET SIZE: 22" X 34"



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FORM OF COUNTER HEIGHT GFCI RECEPTACLE AHEAD OF THE DEVICE.

CONNECTION FOR CLEARING OF GROUND FAULT.

PROVIDE DEVICE PLATE ENGRAVING/LABELING TO INDICATE REFRIGERATOR

2 EXISTING FLUORESCENT FIXTURE TO BE RETROFITTED WITH LED LAMPS.

3 RELOCATE AND RECONNECT LIGHTING CONTROLS AS INDICATED.

4

Branch Panel: B

Location: MECH E16 Supply From: MDP Mounting: Surface Enclosure: Type 1

Volts: 120/240 Single Phases: 1

Wires: 3

** EXISTING PANEL *****

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LIGHTING KEYNOTES:

POWER KEYNOTES:

1

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				Note 2 2 2 2							
		СКТ	Circuit Description	2 20 2 20 2 20 2 20 2 20 0 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2		Pole		Α		В	Pole
		1	HALLS A16, E17, E18 - LIGHTING	2	20 A	1	0.5 kVA	0.9 kVA			1
		3	HALLS A16, E17, E18 - LIGHTING	2	20 A	1			0.5 kVA	0.6 kVA	1
		5	RM'S E13, E14, E15, E16, E19	2	20 A	1	0.5 kVA	0.4 kVA			1
		7	RECORDS A7 - LIGHTING	2	20 A	1			0.5 kVA	0.6 kVA	1
		9	RM'S A3, A4, A5, A6, A17 - LIGHTING	2	20 A	1	0.5 kVA	0.4 kVA			1
		11	RM'S E1, E2, E3, E4, E5 - LIGHTING	2	20 A	1			0.5 kVA	0.0 kVA	1
		13	OFFICES A8, A9 - DEDICATED	2	20 A	1	0.5 kVA	0.6 kVA			1
		15	OFFICES A8, A9 - RECEPTACLES	2	20 A	1			0.5 kVA	0.6 kVA	1
		17	SUPERVISOR (A11) & HALL (A16)	2	20 A	1	0.5 kVA	0.8 kVA			1
HTING KEYNOTES:		19	PHYSICIAN (A10) & EXTERIOR	2	20 A	1			0.5 kVA	0.6 kVA	1
		21	NURSE STATION (C24) - RECEPTACLES	2	20 A	1	0.5 kVA	0.6 kVA			1
1	EXISTING RELOCATED LIGHT FIXTURES TO BE RECONNECTED TO EXISTING	23	NURSE STATION (C24) - DEDICATED	2	20 A	1			0.5 kVA	0.8 kVA	1
J	LOCAL LIGHTING CIRCUIT SERVING THE LOUNGE AND CONFERENCE ROOM.	25	CASHIER (A6) - RECEPTACLES	2	20 A	1	0.5 kVA	0.4 kVA			1
1	EXISTING FLUORESCENT FIXTURE TO BE RETROFITTED WITH LED LAMPS.	27	CASHIER (A6), INT. (A3), (A4)	2	20 A	1			0.5 kVA	0.6 kVA	1
J	EXISTING FEODRESCENT FIXTORE TO BE RETROLITED WITH EED EAMFS.	29	LIGHTING CONTACTORS CONTROL	2	20 A	1	0.5 kVA	0.7 kVA			1
]	RELOCATE AND RECONNECT LIGHTING CONTROLS AS INDICATED.	31	IRRIGATION SYSTEM CONTROLS	2	20 A	1			0.5 kVA	0.4 kVA	1
-		33	Space				0.0 kVA	0.0 kVA			
		35	Space						0.0 kVA	0.0 kVA	
		37	Space				0.0 kVA	0.0 kVA			
VEF	KEYNOTES:	39	Space						0.0 kVA	0.0 kVA	
		41	Space				0.0 kVA	0.0 kVA			
、	EXISTING ABOVE COUNTER RECEPTACLE TO BE REPLACED IN PLACE WITH GFCI				Tot	al Load:	8.8	3 kVA	8	.2 kVA	
7	TYPE RECEPTACLE. CONTRACTOR TO MAINTAIN CIRCUIT CONTINUITY.				Tota	Total Amps:		73 A		68 A	
\rangle	RELOCATED RECEPTACLE TO BE MOUNTED ABOVE COUNTER AS INDICATED. CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING THE DEVICE.	Load	Classification		Connected Load			Demand Factor		Estimated Demar	
	CONTRACTOR TO MAINTAIN CIRCUIT CONTINUITY.	Lightir	g		6.4 kVA			125.00%		8.0 kVA	
		Other				0.5 kVA		100.00%)	0.5 kVA	4
>	REFRIGERATOR RECEPTACLE TO HAVE ACCESSIBLE GFCI PROTECTION IN THE FORM OF COUNTER HEIGHT GFCI RECEPTACLE AHEAD OF THE DEVICE.	Recep	tacle			10.1 kVA		99.50%		10.1 kV	1 VA VA VA VA VA VA StkVA

1. EXISTING CIRCUIT MODIFIED WITHIN SCOPE OF PROJECT.

2. EXISTING CIRCUIT/LOAD SHOWN FOR REFERENCE ONLY.

Branch Panel: C Location: MECH E16

Supply From: MDP Mounting: Surface Enclosure: Type 1

Volts: 120/240 Single Phases: **Wires:** 3

Notes:

	*****	******	********	*********	********	**** E >	XISTIN	G PAN	EL***********	*******	********	*******
скт	Circuit Description	Note	Trip	Pole	A			В	Pole	Trip	Note	
1	AHU-A (MECH E16) - 1/3 HP, 10kW HEAT	3	60 A	2	4.3 k∖	/A	3.8 kVA			2	50 A	3
3	AND-A (MECH E10) - 1/3 HF, 10KW HEAT	5	00 A	2				4.3 kV	A 3.8 kVA	2	50 A	5
5	AHU-B (MECH E9) - 1/2HP, 15kW HEAT	3	90 A	2	6.2 k∖	A/A	4.3 kVA			2	60 A	3
7		5	90 A	2				6.2 kV	A 4.3 kVA	2	00 A	5
9	AHU-B (MECH E9) - 1/2HP, 15kW HEAT	3	90 A	2	6.2 k∖	A A	4.3 kVA			2	60 A	3
11		0		2				6.2 kV	A 4.3 kVA	-		
13	HALL E17 - EWC - RECEPTACLE	3	20 A	1	0.6 k\	/A	0.7 kVA			1	20 A	3
15	HALL E17 - EWC - RECEPTACLE	3	20 A	1				0.6 kV	A 0.7 kVA	1	20 A	3
17	CONF. 11 - RECEPTACLES	3	20 A	1	0.5 k∖	/A	0.6 kVA			1	20 A	3
19	HALL E18, MECH E9 & EQ. HOLD E10	3	20 A	1				0.6 kV	A 1.0 kVA	1	20 A	1
21	LAB E8 & JAN. E7 - RECEPTACLES	3	20 A	1	0.4 k∖	Ά	0.4 kVA			1	20 A	3
23	LAB E8 - RECEPTACLES	3	20 A	1				0.6 kV	A 0.4 kVA	1	20 A	3
25	EXTERIOR - RECEPTACLES	3	20 A	1	0.4 k∖	Ά	0.6 kVA			1	20 A	3
27	MECH E16, WOMEN E13, MEN E14 &	3	20 A	1				0.7 kV	A 0.7 kVA	1	20 A	3
29	TELE. TERM. BOARD (TTB)	3	20 A	1	0.4 k∖	Ά	0.4 kVA			1	20 A	3
31	EXHASUT FANS via TIME CLOCK	3	20 A	1				0.7 kV	A 0.2 kVA	1	20 A	3
33	Receptacle Lounge E12	2	20 A	1	1.0 k\	Ά	0.0 kVA					
35	Space							0.0 kV	A 0.0 kVA			
37	Space				0.0 k\	Ά	0.0 kVA					
39	Space							0.0 kV	A 0.0 kVA			
41	Space				0.0 k\	/Α	0.0 kVA					
			Tot	al Load:		35.1 k∖	/A	3	35.2 kVA			
			Tota	al Amps:		292 A	1		293 A			
oad (Classification		Cor	nected L	.oad	De	emand Fa	ctor	Estimated De	emand		
			59 1 k\/A					62.2 kV/	Δ			

	Connecteu Loau	Demanu Factor	Estimateu Demanu	Fallei	IULAIS
AC	59.1 kVA	105.28%	62.2 kVA		
eptacle	11.2 kVA	94.80%	10.6 kVA	Total Conn. Load:	70.3 k
				Total Est. Demand:	72.79
				Total Conn. Current:	293 A
				Total Est. Demand Current:	303 A

1. EXISTING CIRCUIT DISCONNECTED FROM DEMOLISHED ELECTRICAL DEVICE, FREED CIRCUIT UTILIZED TO SERVE RELOCATED REFRIGERATOR. 2. PROVIDE NEW 20A, 1-POLE CIRCUIT BREAKER TO SERVE DEDICATED MICROWAVE CIRCUIT. MATCH EXISTING BREAKER TYPE AND AIC RATING. 3. EXISTING CIRCUIT/LOAD SHOWN FOR REFERENCE ONLY.

								<u> </u>									
ingl	e		N	Mains Iains Ra	ating: 10,000 Type: MCB ating: 100 A ating: 100.00				Suite 2 Jackso P 904.3	rudential Dri	ive, 2207 _{ww} TLC	INEERING UTIONS ©Copyright 2019 CA 15 v.tlc-engineers.com CNo.:820010 REATE.	11 1				
****	******	*******	*********	********	******	*******	****										
3 0.	6 kVA	Pole 1	Trip 20 A 20 A	Note 1 2	LOUNGE E12		ription 5. E11 - LIGHTING 9, E10 - LIGHTING	СКТ 2 4						IC	A		đ
0.	6 kVA 0 kVA 6 kVA	1 1 1 1 1 1 1	20 A 20 A 20 A 20 A 20 A 20 A	2 2 2 2 2 2 2	OFFICES NURSE STA	S A8, A9 Ation C 10, A11	2, A13 - LIGHTING 0, A10 - LIGHTING 24, C24A, C25 Spare - RECEPTACLES - RECEPTACLES	6 8 10 12 14 16									
0.	6 kVA 8 kVA	1 1 1 1 1 1	20 A 20 A 20 A 20 A 20 A 20 A	2 2 2	OFFICES RECORD RECOR HALL (A16), REC	A12, A1 S (A17) RDS (A7) CP. (A5)	3 - DEDICATED - RECEPTACLES) & HALL (A14) & STOR. (A17) (A5), INT. (A3) &	18									
0.	6 kVA 4 kVA 0 kVA	1 1 1 	20 A 20 A 20 A 	2 	RE ROOM A5 - DEI	ec. (A5) Dicatei	& LOBBY (A1) D RECEPTACLES 1 - DEDICATED Space Space										
0. kVA	0 kVA						Space Space Space	38 40 42									Ì
stin	ated De 8.0 kVA 0.5 kVA	mand		Tot	Panel ⁻ al Conn. Load:		Δ										
	10.1 kVA	\	Tota	Tota Total		18.51 k 71 A							ISSUE DATE: MADCU 13, 2020	SOLICITATION NO.:	CONTRACT NO.: 71904100	FILE NUNBER: XX-XXXX	
		Rating:	10,000 MCB										DESIGNED BY:	DRAWN BY: Author	CHECKED BY: Checker	SUBMITTED BY:	SIZE: FILE NAME:
N	Mains R eutral R	Rating: Rating:	400 A 100.00	uit Descri		CKT							ELORIDA DEPARTMENT OF HEALTH			10199 Southside Blvd., Suite 103	Jacksonville, rL 32200 Phone (904) 543-0400 Fax (904) 543-0203
A	3				NR COND. CU-B	6 8 10	-						FLORI				
A A A	3 3 3 3		LO LOUN	UNGE E1 UNGE E1 IGE E12	IR COND. CU-B 2 - COUNTER 2 - COUNTER & CONF. E11	12 14 16 18	-										
	1 3 3 3 3 3 3 3 3	E.H. PL REC. E	SPECIAI E.H. DIR AN RM E E1, WAIT RM'S	LIST E4 - ECTOR - E3, EH SF E2, HALL E E4 & E6	FRIGERATOR RECEPTACLES RECEPTACLES PEC. E4, EXT S E17 & A16 - DEDICATED R TIME CLOCK	24 26 28 30 32							IMPROVEMENTS	T			
- - -					Space Space Space Space Space	36 38 40							CHD	STARKE, FLA			
Tot	Tot	al Est. D I Conn. C	emand: Current:	70.3 kVA 72.79 kV 293 A									BRADFORD				-

BID DOCUMENTS

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