ELECTRICAL NOTES :

PART 1 - CINERAL

- GREEN, 1 THE GREEN, AND SPECIAL CHARDINGS AND REQUIREMENTS OF THE CONTRICK AND SPECIALIZINGS AND SPECIALIZINGS AND SPECIALIZINGS AND TRACES SHALL APPLY AND BE PART OF THE WORK RETERM SPECIALIZING SPECIALIZING AND TRACES SPECIALIZINGS AND THE ACCORPAINED RUMS ARE RETERMENT SPECIALIZING THE COMPLETE PROPERSIONS AND INSTULLATION OF THE ELECTROAL STREEN, PROVINCE MOUNT STREEN, PROVINCE MOUNT
- 3. TORROWNESS: ALL NEWS SHALL BE PERFORED BY CYMINATIONS LICENSED IN THEM INSPECTION DISCHARD AND SHALL BE OBTAINED BY A PROST AND SHANCE, PLUM PROVIDED BY A RESISTANCE AND SHALL BE ADMINISTRATION OF THE WAY AND ALL RESISSAY MADE. AND AUDITAINS STREAMED FOR COMPLETION OF DE WORM HALLDORG BUT FOR LIMITED TO COMPLETION FOR PREJUZIO MOST SUCK SIGNATURE AND SHALL BE SUBJECT AND SHALL BE S
- 1.4 MATERIAS: CONTRICTOR SHALL PROMIE ALL NEW MATERIAS OF AMERICAN MANAFACTURE.
 BENNEN THE IMMERSHER IS LIMERATURY (IL) MERE AS APPLICADE, METERIAS SHALL BE
 ACCUPICAL FOR MONE STANDING OWNER! AS MATERIALS THE PROPERCY AS COLLED
 FOR ON FAME, SUPPLICATION, MOTORISE, PRODUCTOR AND CONFINCION RECOGNIFY TO
 RECOGNIFICATION OF THE WORK SHALL PROMISED OF CONFINCION AS RECOGNIFICATION
 FOR COMPLETION OF THE WORK AT HIS ADMINISTRATION OF CONFINCION SHALL
 FOR STANDARD LET PROPERCIONE AND CONFIDENCIAN OF THE WORK AT HIS ADMINISTRATION SHALL BE PROPERTY OF MOTORISED TO
 TO FROM THE PROPERCION AND OF CONFIDENCIAN OF THE TOWNSHIP OF THE PROPERCION AND SHALL BE PROPERCION FOR THE PROPERC
- 1.5 PERMITS & BESLAWACE : CONTRICTOR SIMIL SECURE AND PAY FOR ALL PERMITS, FRES. TAXES, REPECTIONS, TESTS, FRES AND OTHER TIBLES ARE REQUIRED FOR THE BESTALLIDIN OF COMPITE ELECTRICAL STSTEMS AS COLLIBED HERBY MICH SHOWN ON FAMIS. PROVIDE ALL REQUIRED BISCHARE FOR PROTOCOM ADMIST PUBLIC LIBELLY AND PROPERTY DAMAGE FOR THE DISTRICTION OF THE WOOD.
- I.B. DISSING CHIEFINASE : BEFORE REDING CONFIDENCE SHALL STITE 4.08 STIE AND ACCORDAN ALL DESSING COMMINGE WHICH WITH A STEET HIS WOOK FAULURE TO DO ACCORDAN ALL DESSING COMMINGE WHICH WITH A STEET HIS WOOK FAULURE TO DO ACCORDANCE SHALL SH
- 7. UILITY CHAPANES: BETORE SUBMITTING BID CONTRACTOR SHALL CHECK WITH WRITER SERRY, ORS, BLITTINGA, TREPRONE, CHEE IN AND OTHER VILLUT CHAPANES SEPTIMES SERVICE TO THE RESILILATION TO DETERMEN RESULATION TO DETERMEN AND SANDAYS AND EXCURPING REQUESTED TO BE ADJUSTED IN THE BID. EXCEPT WHERE UILITY REQUESTED STORY AND SANDAY SEPTIMES.
- 1.8 PLAKS: DRAININGS ARE SEMERALLY DIAGRAMMATIC, INTENDED TO SHOW APPROXIMATE EQUIPMENT LOCATIONS AND ARRANGEMENTS, NOT TO SHOW EVERY MINOR DEVAL. PLAKS SHALL NOT BE SOMED TO DETERMINE EARCY LOCATION AND DIMERSIONS.
- 1.10 SIGP DRIBUNDS, PROR TO PLICEN M ORDER MO BETORE BISTALATION, SIGNIF FOR RENEW PROPERTY IDENTIFIED AND DRIVED SHOP DRIBUNDS AND MANIFACTURER'S LITERATURE (FINNS SCENEZA) CONFLUENCE, LA PREPARA, MIDERALS, PRINSES, ACCESSIORES AND INSTILLATION DESCRIPCION SHEEF, RECURSED OF THE COMPANIES SCRIPCIES, PACIFICAT CHARTER PHORES SHALL BE PLANSED FOR ALL MAKE THIS OF EUROPEACH FOR APPROVIL. SHALL BE AUGUST COMPETED AND A THE SAME THES.
- Substitutions architect/former will, under no circumstances, be require to prove such item is or is not of equal quality to the specified item.
- 1.12 GMANITES : AFER THE SISTEM IS INSTALLE), THE CONTINCTOR SHALL COMDUCT AN OPERATIVE TEST FOR APPROXIA, AND ACCEPTANCE OF THE ACMITETY/CONFER OTHER ELECTRICAL FORCE, INCLUDING PRIOR AND LOOKS SHALL BE GLAWNITED FOR A PERSON OF GRE(1) YEAR FROM DUT OF FINAL METHOL ACCOPTANCE THEREOF, CAMEST GREENING METHOLS, CONFICIENT AND INCOMPANIES, WIREE AMOUNT ELECTRIC MAY BE OFFICIAL TO AND INCOMPANIES AND AND THE RESULTED IN ANY MAY CONSENSION OF AND INDEXES OF THE COMPANIES AND ANY OF THE RESULTED IN ANY MAY.
- 1.13 RECORD DRAWNES: MANTAN A COMPLETE SET OF PRINTS FOR MODCATING ALL CHANCES.
 USE COLORED PRIST TO MARK CHANCES AT THE TIME OF DESCRITION AND DELACE THE
 SET TO ARCHITECT/ENGINEER UPON COMPLETION. CONTINCTOR SHALL STAMP "AS EQUI."
 OF PRINTS AND PLANS, DUTE AND SIGN IN INFO.

PART 2 - PRODUCTS :

- RE 2.— ENDROCKEL SHOP DOWNINGS OF THE FOLLOWING PRODUCTS:

 A PHYLIDAMORS, OURSINGRAIN PROTECTION DEVICES, CRICUT BERWINES,

 SWICKER, PRESCHARING, SCHEDIST, SHOP WITH DEVICES,

 C. WINN DEVICES, RECEPTALES, OULLES, LIGHT SWITCHES, DAMENS,

 FLUES, PLUES, PLUES, SAID BELLED HYDRINGS.

 D. LIGHTIGO FORTIRES, LIGHT SWITCHES, DAMENS,

 C. TIMELLOS, PROTECULES AND RELATED HYDRINGS.

- 12 PINELDWOS SINLI DE OF THE CROUT BREMER TYPE CROUTS BREMERS SINLI DE MEIDE DES BOLLON TYPE, DE GUIZA-MARE ACTION, HERBAN, MAGNETO TREP, FILL SZZ DEGOZES, LOND CONTRET TOPRE PINEL SIZ DE MEIDE SON DE MEIDE MAN PER MEIDE MAY DE LUSS OFFERRE MOTTE OF FIRMS AFFINERIES, MAISS OFFERRE MOTTE OF FIRMS SINLI DE 10,000 AT 120/2008, FIRMS

- DISCONNECTS: SMITCHES SHALL BE QUICK-MAKE QUICK-MERAN ACTION, LOCKABLE THY, SERVICE DISCONNECT SHALL BE SERVICE AND. PROMED DUIL ELBERT FLESS FOR MICHIGAN MECHANIST SERVICE STATES FOR MANAGEMENTS AND BENEFICE ACTUAL RESTAULATION, MANGEMENTS PRAIL SE SERVICE.
- A ROSEMS : 4

 A

- 2.5 CONJUNES: SOFT-DOMN DEC CONJUNENT CONTRO REVISIT IN CONDUIT, IMMAN SUS SHALL BE \$1/2 FOR FORMS REGIO AND \$1/6 FOR CONTROL CREAT, \$1/4 FOR 15A. CICARI RECIONES HERDE BADDIE, PROME \$7/6 FOR CONTROL CREAT, \$1/4 FOR 15A. CICARI RECIONES HERDE BADDIE, PROME \$7/6 MESS FOR 15A FOR CICARI CONTROL FOR THE CREAT KNEETHER 1 SONE SONE CONTROL FOR MESS FOR PROME FOR PROME FOR THE PROME
- 2.6 Sploss Smill et mate with UL Listed Nethmacal Pressine Staderless connector Braday Servis Time or approach dank. Federa Sploss and Terminations Smill in Mate Nethmacally used compression Time Stepes of Lists and Connection to Press and Sploses as immunications of United for Thomas & Detts.
- THE MATERIAL TOPIC LOWERS CONTROLLED WITH A SERVER OR LIES AND CONSISTENT OF PRIVATE AND PRIVATE AS OFFICIAL THE MATERIAL TOPICAL RETURNS A SERVER.

 2.0 WIRRIS CHORCES SHALL BE RESIDENTIAL SENDENCIATION GROUP, FLUSH MICHIGAD, AND MATERIAL PRIVATE BY HERBER LOTTER.

 A SHITCHES I TOPICAL THE 28 LOZIZITY, SHALE PLIZ, THEF—MAY WIRRIE MOTER SHITCHES IN THE SAME ROKE.

 DIMERS IN THE SAME ROKE AND PRIVATE PAULITY CONTROL SHALE BE CHARGED TOPICHES IN THE SAME ROKE.

 DIMERS IN THE SAME ROKE AND CHEEN AREAS HOURS.

 DIMERS IN THE SAME ROKE AND CHEEN AREAS HOURS.

 CROATE RESPONSE, SEPALA COULTES FOULD TO JUST CHARGE HOW CHOICH SERVERS AS MOTED ON PAURIC SCAMED FOUND ON SHAME MOTER OF PAURIC SHOWER AND SHAT WAS AND WIRRIS AND THE SAME PAURIC SHOWER AND SHAME SHAME AND AND AND THE SAME SHAME WITH THE STANDARD ORDINARY OF SHALE PER PROVIDED WITH SEPARATE BOULDED GROUND WRITE.

 DIE JUSTIMO HAD NON GUIDE IN THE PROPERTY OF SHALL BE PROVIDED WITH SEPARATE BOULDED GROUND WRITE.

 DIE JUSTIMO HAD DANN GUIDE IN THE PROPERTY OF SHALL BE PROVIDED WITH SHAPE PROPERTY OF SHALE PROPERTY OF SHALE PROPERTY OF SHALE PROPERTY OF SHALE PROPERTY OF SHAPE PROPER

- S LIGHTNO FOTURES SHALL BE COMPLETE WITH ALL NEEDSSMIT LAMPS, BALLAST, RIDBAN, LIMP HEIDTON FOTLETTING, CLOSOWAYE, TEST, BACCO, MOD BLANNING ACCESSIONS AS SELECTED BY ADMINISTRATION OF THE PROVIDED BY COMPRISING REPER TO ADMINISTRATION OF THE PROVIDED BY COMPLETE AND ADMINISTRATION OF THE PROVIDED BY COMPLETE ADMINISTRATION OF THE PROVIDED BY COMPLETE AND ADMINISTRATION OF THE PROVIDED BY COMPLETE B
- PART 8 INSENTION OF THE MATTER STATE OF SHARE APPARENT TO CONDUCT A TRANSPORT ALL RECESSION INSTRUMENTS AND SPECIAL APPARENT TO CONDUCT AND THE TRANSPORT AND THE TRANSPORT
- 3.2 CONDUT RUS, PACEMAYS AND PIPMS SHALL BE CONCENED IN WALLS, CELLINGS, SLAN AND PARTITIONS ± NO PACEMAY SHALL BE EXPOSED WITHIN INTEROR SPACES. ALL CUILLETS AND WRING DEVICES SHALL BE FLUSH MOUNTED.
- GROUNDING AND BONDING SHALL COMPLY WITH HEE 25G, ALL METALLIC RACEWAYS SHALL BE GROUNDED AND BONDED PER HEE 25G, NON-METALLIC RACEWAYS SHALL BE PROVIDED WITH A GROUNDING CONDUCTOR SIZED PER HEE 25G-12Z.
- 3.4 ELECTRICAL EQUIPMENT SPACE AND INSTALLATION SMALL BE IN ACCORDANCE WITH NEI 110-16A AND 364-2. WIRNO IN DUCTS, PLENUMS AND OTHER AIR HANDLING SPACES SHALL COMPLY WITH NEC 300-22.
- 3.5 PANEIDONES, SHITCHES, CONTROLLERS, CONTROL, PANEIS, TRACCICCOS AND OTHER ELECTRICAL COMPONENTS SHALL BY CLERKY AND PERMANEITY EXHTRED. MICHAEL PANELSHANCES CROCKES ON POYNED THEY DESTROYY ON PERMANEITY BOUNDESS WITH A
- 3.8 CONTRACTOR SHALL MAKE ALL NECESSARY EXCANATIONS, CUTTING AND REPATCHING A REQUIRED FOR THE PROPER EXECUTION OF THIS WORK.
- 3.7 CONTRACTOR SHALL FIELD SPOT LOCATION OF WRING DEVICES TO VERIFY AND GET APPROVAL FROM ARCHITECT/OWNER BEFORE INSTALLATION.
- 3.9 AR CONDITIONING: BEFORE COMMENCING WORK CONTINUOTOR SWILL FIELD COORDINATE INMEPFARE INSTALLATION REQUIREMENTS AND, IF INCESSION, UPDATE ELECTRICAL PROFESTION, WEINE AND CONDUIT AS REQUIRED TO MEET HEE AND MANUFACTURER'S RECOMMENDATIONS
- 3.11 IN ALL AREAS SPECIFIED IN 210.52, ALL 125 VOLT, 15 AND 20 AMP. RECEPTACLES SHALL BE LISTED TAMPER—RESISTANT AS FER NET, CODE SECTION 406.11.
- 3.12 COMPLY AS REQUIRED AS STATED IN NEC ART. 210.8.
- 3.13 ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NEC ART. 110.26.
- 3.14 COMPLY AS REQUIRED AS STATED IN NEC ART, 358.12.

ELECTRICAL SYMBOL LEGEND FIRE ALARM WIRE LEGEND SWITCHES **BOXES & FITTINGS** SINGLE POLE TOGGLE SWITCH, 20A., 120/277 W.C., MOUNTED 48" A.F.F. "O " SWITCH LEG. MITHURNS - SHELDED PAR - EQUAL TO MP 975 FPLP, \$18 T.S.P. ANG. Audio/Aislail, \$12 Them S. Wall modrited junction box , 18° AFF. or as otherwise noted. Ю THREE-WAY AND FOUR WAY TOGGLE SMITCHES 120/277 VAC. MOUNTED 48° A.F.F. CELLING MOUNTED JUNCTION BOX, 12°X12°) DEEP LINLESS OTHERWISE INDICATED. FOR DISTRIBUTION OF TELEPHONE S₃S₄ LIGHTING 1 DAMER SHITCH, 1000 WATTS WINNUM UNLESS OTHERWISE HOTED, 48" A.F.F. Ø LIGHTING FOOTURE TYPE, SEE LTC. FOITURE SCHEDULE ON SHT. E-100 S, Pulleok, SZZED AS INDICATED OR AS REQUIRED BY N.E.C. LIGHTING FIXTURE TYPE, MUNISH DENOTES LANDSCAPE FIXTURE TYPE, REFER TO LANDSCAPE FIXTURE SCHEDULE ON SHE, E-100 Sĸ SYMBOL SUFFIXES DOWNLIGHT ON HORMAL CROUT CINCUIT BREAKER SUFFACE OR PENDANT WOUNTED FLUORESCENT SINGLE POLE LIGHTED HANDLE TODGLE SHITCH. 20 A., 120/277 V.A.C. MOUNTED 48" AFF. CROUT SURFACE OR PENDANT MOUNTED FLUORESCENT EXCLUP CONU. UR MANUAL MOTOR STARTER TOCGLE SWITCH WITH OVERLOADS, 48" A.F.F. S rliorescent recessed or lay-in foture, hornal branch circuit EMPTY CONDUIT SHELY SMITCH, 3P = NO. OF POLES. 80 = SMITCH SIZE, SO = FLISE SIZE. SUFFACE MOUNTED SINGLE FACE EXIT LIGHT FEXTURE WITH ARROWS AS INDICATED, WITH 90 MIN. EMERGENCY ELECTRIC WATER COOLER EWH ELECTRIC WATER HEATER ENCLOSED OROUT BREAKER, 3P = NO. OF POLES

100 = FRAME SIZE & 70 = TRP RATING. THAT, INCUMTED EXIT LIGHT FIXTURE WITH AGRESS AS INDICATED WITH BATTERY BACK-UP 0 FRE ALARM SUPFACE INCURRED DOUBLE FACE EXIT LICHE FACTURE WITH APPROVES AS INDICATED, WITH BATTERY BACK-UP WIRING Θ GROUND FAULT INTERRUPTED HOMERUM TO PANEL "A".1-3-5 ARE CIRCUIT HO'S, TICKS ARE NO, OF CONDUCTORS (A) MODICATES GROUND WARE SOZED AS PER WALL MOUNTED DOUBLE FACE EXIT LIGHT FIXTURE W/ARROWS AS INDICATED, WITH BATTERY BACK—UP 0 HIGH INTENSITY DISCHARGE ₩ INDICATES A EXISTING CONDUCT RUN CONCEALE IN A CERPIG OR WALL. COMBINATION SINGLE FACE DUT LIGHT AND BATTERY BACK-UP LIGHT WITH 90 MIN. EMERGENCY BATTERY BACK-UP UNLESS CTHERWISE NOTED INDICATES WEATHERPROOF NEWA 38 EQUIPMENT **⊢**0—⊀ PERSANT WID. STRIP FLUORESCENT FOTURE INDICATES A CONDUIT RUN CONCEALED IN FLOOR EMBEDDED IN CONCRETE OR 1- PENDART MID. STRP. FLUORESCOTT FORURE
METH 90 MIN. EMERGENCY BATTERY SWCK-UP FUSE AS PER MANUFACTURER'S INDICATES AN EXISTING CONDUCT RIN. MANUAL VOLUME DAMPER ARC FACILY INTERPUPER NON-CONCURRENT MISCELLANEOUS MOICATES A CAPPED CONTRICT CROUND ROD BOX (BROOKS [36) DEDICATES A FLEXIBLE METAL CONDUIT CONNECTION. USE LICUID TROFT CONDUIT IN WITL DAMP OR ONLY LOCATIONS. PANELBOARDS FIRETRICAL ROOM CROWN BAR ASSEMBLY POWER, LIGHTING OR DISTRIBUTION 4 BATTERY BACK-UP LIGHT, CONNECTED AHEAD OF LOCAL LIGHT SWITCH. ········ FLEXIFLE EXLIPHENT CONNECTION. TRANSFORMER WALL OR FLOOR MOUNTED; SZE AND MOUNTING AS DIDICATED ON DIRES. T GAP GENERATOR ANNUNCIATOR PANEL AS PER HEPA 101 GROUNDING SYSTEM CONDUCTION, BASE COPPER CONDUCTION OR INSULATED CONSUCTOR IN CONDUCT AS INDICATED. FIRE ALARM \triangleright TELEPHONE OUTLET , 18" AFF. ROUTE 3/4" ENPTY CONDUIT UP TO CRUNG CELLING MOUNTED SMOKE DETECTOR CELLING MOUNTED SHOKE DETECTOR, "EX" DEHOTIES ELEVATOR RECALL FUNCTION CONDUIT RUN TURNED UP. DUCT MOUNTED SMOKE DETECTOR. (PROMIDE W/ SHUT DOWN RELAY) CONDUIT EXPANSION JOHT ∞ LICHTONG PROTECTION AIR TERMINAL, 24"H H CELLING MOUNTED HEAT DETECTO MANUAL PIRE ALARM PULL STATION, 42" A.F.F. ΗP M D MOTORIZED BANGER FIRE ALARM STRUBE UGHT, 80° A.F.F. Vinsalia 75° CO Rating NOTOR, 5 = 5 H.P. OR AS OTHERWISE NORMED PS0 FIRE SMOKE DAMPER FIRE ALARM HORN, & STROBE LIGHT 50" AFF. MNBAUM 75 CO RAING ⊡⊲ \boxtimes NULL ATTEMPTS VARABLE AIR VOLUME BOX TS lч NOTOR COMBINATION STARTER AND DISCONNECT. RECEPTACLES FLOW SWITCH 63 120%,1 PHASE, 60 HZ., 20 AMP. OUPLEX RECEPTACLE MID., 18" A.F.F., DUCT NOUNTED FRESTAT. SHILL DOWN BELAY. SAME AS ABONE EXCEPT WITD, AT 6" ABONE COUNTER NO MT DESCRIPTION E MADERNATION Y DUCT HEATER WITH CONTACTOR AND SAFETY DISCONNECT. ^L⊠zozz FARP FEET ALARM ANNUNCATOR PANEL 120M,1 PHASE, 60 Hz., 20 AMP. DUNL DUPLEX RECEPTACLE MTD. FACE FIRE ALARM CONTROL PANEL (FIRELITE MSS200) SPECIAL PURPOSE RECEPTABLE
2P. DENOTES POLES, 30 DENOTES AMPERAGE RATING Œ SINGLE STATION ANNINCATOR PAVEL ANNINCATE PER FLOOR. FEE ALARM ANNINCATOR PAVEL. LCU DISPLAY & SLENCING CAPABILITIES. SSAP **⊕**= 29-30 CELING MOUNTED RECEPTICIE. 20 AMP CROUNDING TYPE W/TIMST LOCK CMPACTRY, E.C. TO PROMOE OWNER WITH (20) THIST LOCK & 20 AMP, 1207 'SO' ORD, CELING'TO PLOOR LENGTH. (1) WARE DUTLET AT ONE PIND & (FEMALE NO TOMBER FOR TRANSIT LISSNE ₽, MACHETIC DOOR HOLDER SMALE STUTION SMOKE DETECTION, 120V, WITH BATTERY BACK-UP LOCATED 36" MIN. FROM MY A/C SUPPLY

LIGHTNING PROTECTION CLASS I WRING/AIR TERMINA MOTORS & CONTROLS CELING MOUNTED RESPURCE, 2P-20 AMP CROSMONG TYPE W/TWIST LO CAPACITY, E.C. TO PROMOE OWNER WITH (6) THIST LOCK & 20 AMP, 240-"SO" CORD, CELING TO PLOOR LENGTH, (1) WHE DUTLET AT ONE BUD & FEMALE ON DEPT FOR PLANT LISSEE. SINGLE STATION SMOKE DETECTION WITH STROBE LICHT 177 CANDELA FOR HEARING IMPARED, 1204, WITH BINTERY BACK-UP LOCATET NO MAIN FROM MAY A/C SUPPTY PROFESSION FLOOR MODERNIN TELEPHONE FOUND CHILD RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE

APPROVED

Planning & Zoning Board_____



TOWN OF SURFSIDE

Permit No. 21-466

8777

Collin Av

No Date Revisions

> DESIGNED DRAWN Author CHECKED APPROVED Appro

morabito

CHAMPLAIN TOWERS SOUTH CONDOMINIUM

COLLINS AVENUE IDE, FLORIDA 33154

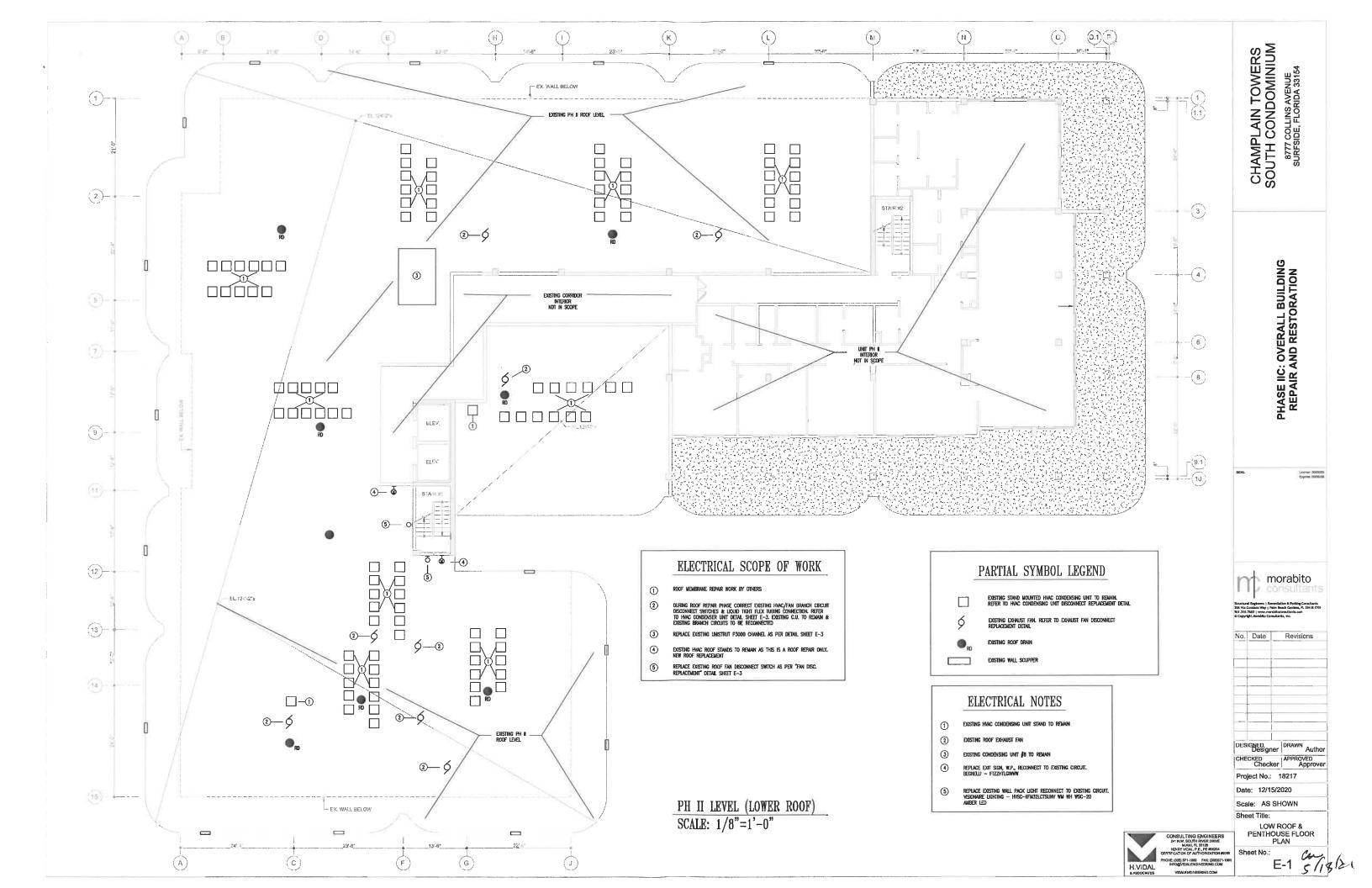
PHASE IIC: OVERALL BUILDING REPAIR AND RESTORATION

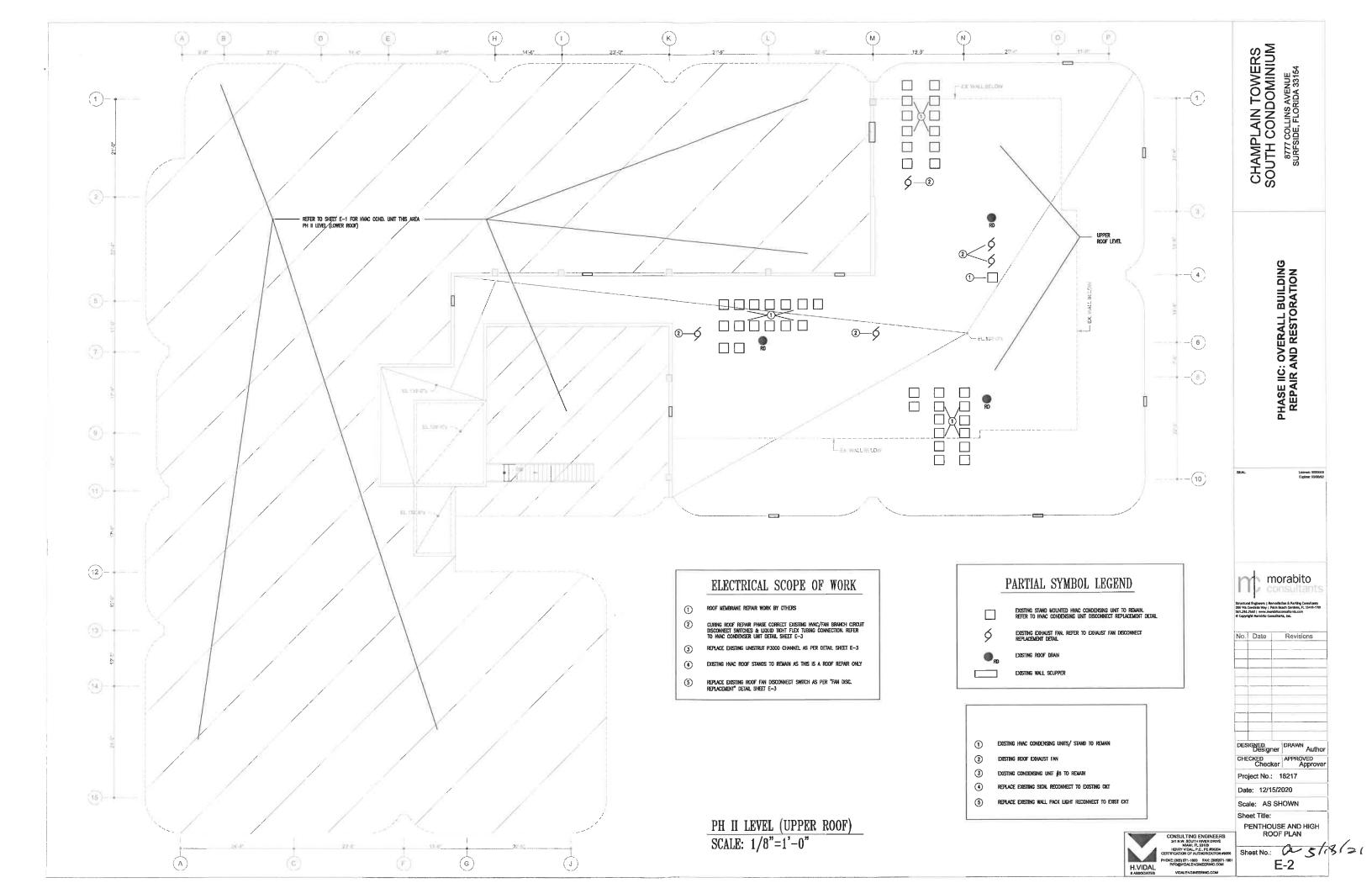
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E-0

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PHASE IIC: OVERALL BUILDING REPAIR AND RESTORATION

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DESIGNED DRAWN Author
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