APPLICABLE CODES STRUCTURAL NOTES THE CHILLER PADS SHOULD BE 2500 PSI BEFORE PLACING THE CHILLER AND 168 MAIN STREET ARASOTA, FL 34237 3000 PSI BEFORE OPERATING THE CHILLER. FLORIDA BUILDING CODE (FBC), FIFTH EDITION (2014) WITH APPLICABLE AMENDMENTS **BROOM FINISHED** GENERAL NOTES: STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, EXTRA CONCRETE TEST CYLINDERS SHALL BE CAST AND BROKEN AS MECHANICAL CODE: FBC, FIFTH EDITION (2014) MECHANICAL WITH APPLICABLE AMENDMENTS NON SLIP FINISH ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON DIRECTED BY THE CONTRACTOR TO VERIFY THE ABOVE NEW + EX ENERGY CONSERVATION: FBC, FIFTH EDITION (2014) ENERGY CONSERVATION WITH APPLICABLE AMENDMENTS NO 4. BAR 16" O.C. THE CONTRACTOR MAY CHOOSE TO USE 4000 PSI CONCRETE (OR HIGHER) NO. 4 BAR @ 16" FBC - CHAPTER 27: NFPA 70 (N.E.C.) WITH APPLICABLE AMENDMENTS **ELECTRICAL CODE:** DRILL AND EPOXY BAR SO THAT THE ABOVE STRENGTHS WILL BE OBTAINED WHEN NEEDED O.C BOTH WAYS, PLUMBING CODE: FBC, FIFTH EDITION (2014) PLUMBING WITH APPLICABLE AMENDMENTS 4" MIN, CENTERED. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CENTERED. TYP. FUEL GAS CODE: FBC, FIFTH EDITION (2014) FUEL GAS WITH APPLICABLE AMENDMENTS EMBED IN TO EX SLAB ARCHITECT/ ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. FBC, FIFTH EDITION (2014) ACCESSIBILITY WITH APPLICABLE AMENDMENTS ACCESSIBILITY CODE: **NEW 4" CONCRETE** CHEMICAL ANCHORS: SHALL BE AN EQUAL TWO-PART EPOXY POLYMER EX CONCRETE WALKWAY FIRE SAFETY CODE: FLORIDA FIRE PREVENTION CODE, FIFTH EDITION WITH APPLICABLE AMENDMENTS WALKWAY. SEE SITE SOIL SHALL BE TREATED FOR TERMITES WITH A REGISTERED TERMITICIDE PER THE REQUIREMENTS OF SECTION 1816 OF THE 2014 FLORIDA BUILDING INJECTION SYSTEM, SUCH AS SIMPSON SET-XP "STRUCTURAL ANCHORING **PROVIDE NEW** PLAN CODE. UPON COMPLETION, THE CODE REFERENCED "CERTIFICATE OF COMPLIANCE" SHALL BE SUBMITTED TO THE BUILDING OFFICIAL BY A LICENSED ADHESIVE" OR ENGINEER APPROVED SUBSTITUTION, INSTALLED IN OTHER: TOP SEAL. MIN. 8" SAND FILL ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. INSTALLERS SHALL DOOR TOP COMPACTED TO 95% MIN. MIN BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE. BRUSH AND GAP IS 3-1/2". OF MODIFIED CONCRETE: SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND BLOW OUT ALL HOLES. **BUILDING CATEGORIZATION & PHYSICAL PROPERTIES** PROCTOR LAB TESTS. FLORIDA FIRE PREVENTION **DESIGN LOADS:** FLORIDA BUILDING CODE 3000 psi FOR FOUNDATIONS AND SLABS ON GRADE. CODE CHILLER OPERATING WEIGHT = 5655 POUNDS CHAPTER 3, SECTION 302 CHAPTER 6 CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ALL STANDARDS AND SPECIFICATIONS. OCCUPANCY CLASSIFICATION GROUP [XX] SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD CYLINDER OR LAB TESTS FOR REVIEW PRIOR TO USE. MIX SHALL BE UNIOUELY IDENTIFIED BY B. A-3 140 MPH ULTIMATE WIND SPEED WALKWAY SAWCUT JOINTS @ 5' - 0" O.C (NO CHANGE TO EXISTING) MIX NUMBER OR OTHER POSITIVE IDENTIFICATION. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE. CONCRETE SHALI 109 MPH ASD WIND SPEED WALKWAY CONSTRUCTION JOINTS WITH 6 WALKWAY COUPLING DETAIL 1" = 1'-0" ROLLING DOOR-TOP SEAL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD C94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE TICKETS SHALL BE TIME WIND EXPOSURE C ASPHALT IMPREGNATED EXPANSION DOOR IS 10' X 10' - 6" REFER TO NFPA STAMPED WHEN CONCRETE IS BATCHED. JOINTS @ 20' - 0" O.C. RISK CATEGORY II CHAPTER 6 A8.2.1.2 CONSTRUCTION TYPE THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE 6" CONCRETE SLAB AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STATED ABOVE, THE CONCRETE SHALL BE DISCARDED. IT (000)WITH NO. 4 BARS @ ANCHOR CHILLER SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE 12" O.C EACH WAY, BASE FRAME TO SLAB RISK CATEGORY WIND LOADS (FBC CHAPTER 16) FBC CHAPTER 16 CENTERED. WITH (6) GALVANIZED TABLE 1604.5 *SEE STRUCTURAL NOTES 1/2" DIAMETER ALL SLABS SHALL BE CURED USING A DISSIPATING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE 1-D AND SHALL HAVE A FUGITIVE DYE ANCHOR CHILLER BASE FRAME 140 MPH* THREADED ROD THE COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE WATER HAS LEFT THE UNFINISHED CONCRETE. TO SLAB WITH (6) GALVANIZED DRILLED AND 1/2" DIAMETER THREADED ROD ALL SCUFFED OR BROKEN AREAS IN THE CURING MEMBRANE SHALL BE RE-COATED DAILY. CALCIUM CHLORIDES SHALL NOT BE UTILIZED; OTHER **EPOXIED 5" INTO** ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER. DRILLED AND EPOXIED 5" INTO CONCRETE SLAB **GENERAL NOTES:** CONCRETE SLAB ANCHOR CHILLER BASE FRAME EXTEND CH-1 6" CONCRETE SLAB ALL CONCRETE MIX DESIGNS SHALL INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE TO SLAB WITH (6) GALVANIZED REINFORCING 1" CHAMFER AROUND WITH NO. 4 BARS @ PRIOR TO ANY WORK COMMENCING, PREPARE A PLAN OF WORK EXECUTION IN WRITTEN FORM, INCLUDING BUT NOT STRUCTURE. 1/2" DIAMETER THREADED ROD BARS 16" INTO CH-ENTIRE PERIMETER OF 12" O.C EACH WAY, 1" CHAMFER AROUND LIMITED TO: AREAS TO MARSHALL DEBRIS, DEBRIS REMOVAL, NOISE ABATEMENT PROCEDURES, LOCATION OF DUMPSTER, DRILLED AND EPOXIED 5" INTO CONCRETE PAD 2 SLAB. CENTERED. ENTIRE PERIMETER OF LOCATION OF REFUSE REMOVAL VEHICLE, ETC. ALL CONCRETE DESIGN MIX SUBMITTALS SHALL INCLUDE TESTED, STATISTICAL BACK-UP DATA AS PER CHAPTER 5 OF ACI 318-89. CONCRETE SLAB CONCRETE PAD THE CONTRACTOR SHOULD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF ANY EXISTING CONDITIONS ARE DIFFERENT THAN SPECIFIED IN THE DRAWINGS THE DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE CONCRETE COVER OVER REINFORCING BARS: THE FOLLOWING CONCRETE COVER OVER REINFORCING BARS SHALL BE PROVIDED UNLESS NOTED ARCHITECT IMMEDIATELY. OTHERWISE ON THE DRAWINGS: · / / 6" CONCRETE SLAB THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO PROVIDE FOR A PLUMB, LEVEL, AND SQUARE STRUCTURE A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO SOIL- 3" GRADE TO SLOPE WITH NO. 4 BARS @ UNLESS OTHERWISE NOTED. ANY DEVIATION FROM THIS GENERAL INTENT SHOULD BE BROUGHT TO THE ATTENTION OF B) CONCRETE EXPOSED TO SOIL OR WEATHER -THICKENED SLAB EDGE AWAY ALL SIDES 12" O.C EACH WAY, #6 BARS AND LARGER - 2" COVER THE ARCHITECT FOR CLARIFICATION. WITH (2) NO. 4 BARS OF PAD. 8"X12" THICKENED CENTERED. THE WORK SHALL BE CONSTRUCTED IN FULL COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS #5 BARS AND SMALLER - 1 ½" COVER TOP & BOTTOM. SLAB EDGE WITH 8" X 12" THICKENED AS WELL AS THE DRAWINGS AND SPECIFICATIONS. ANY CODE DEFICIENCIES IN THE DRAWINGS RECOGNIZED BY THE C) CONCRETE NOT EXPOSED TO SOIL OR WEATHER: (2) NO. 4 BARS SLAB EDGE WITH (2) CONTRACTOR SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION. 1) SLABS, WALLS & JOISTS #11 BARS AND SMALLER - 3/4" GRADE TO SLOPE TOP & BOTTOM NO. 4 BARS TOP & THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE WORK ON THE SITE AND VERIFY ALL 2) BEAMS & COLUMNS (TIES & STIRRUPS)- 1 1/2" AWAY ALL SIDES MIN. 16" SAND FILL BOTTOM. — DIMENSIONS AND EXISTING CONDITIONS. DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE D) FOR EXTERIOR FORMED SLAB SEE DRAWINGS AS ADDITIONAL COVER MAY BE REQUIRED OF PAD. COMPACTED TO BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE BIDDING THE PROJECT OR THE COMMENCEMENT OF WORK. THE MIN. 16" SAND FILL 95% OF MODIFIED OWNER SHALL NOT BE RESPONSIBLE FOR CHANGES TO THE WORK DUE TO THE FAILURE OF THE CONTRACTOR TO CONCRETE TESTING: AN INDEPENDENT TESTING LABORATORY SHALL PERFORM THE FOLLOWING TESTS ON CAST IN PLACE CONCRETE: PROCTOR LAB COMPACTED TO 95% OF FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. MIN. 16" SAND FILL MODIFIED PROCTOR TESTS. THE CONTRACTOR SHALL PROVIDE ALL PERMITS AND INSPECTION NECESSARY FOR THE PROPER EXECUTION OF THE WORK a) ASTM C143 - "STANDARD TEST METHOD FOR SLUMP OF PORTLAND CEMENT CONCRETE." MAXIMUM SLUMP SHALL BE 5 INCHES BEFORE A COMPACTED TO LAB TESTS. IN ACCORDANCE WITH APPLICABLE CODES AND GOVERNING REGULATIONS. PLASTICIZER IS ADDED. 95% OF MODIFIED b) ASTM C39 - "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS." A SEPARATE TEST SHALL WALKWAY CROSS SLOPES ARE NOT TO EXCEED 1:48 OR 2%. PROCTOR LAB BE CONDUCTED FOR EACH CLASS, FOR EVERY 50 CUBIC YARDS (OR FRACTION THEREOF), PLACED PER DAY. REQUIRED CYLINDER FIELD VERIFY LOCATIONS OF EXISTING CONCRETE SLABS AND EQUIPMENT. ANY DISCREPANCIES SHOULD BE BROUGHT TO TESTS. THE ATTENTION OF THE ARCHITECT IMMEDIATELY. (S) QUANTITIES AND TEST AGE AS FOLLOWS: PAY ALL FEES PERMITS, & DUMPING CHARGES. V 1 AT 7 DAYS REMOVE AND REPLACE PORTIONS OF EXISTING ACOUSTICAL PANEL CEILING AND/OR GRID TO ACCESS THE VAV'S. REPLACE 2 AT 28 DAYS ONE ADDITIONAL RESERVE CYLINDER TO BE TESTED UNDER THE DIRECTION OF THE ENGINEER, IF REQUIRED. IF 28 DAY STRENGTH IS ANY DAMAGED PANELS OR GRID WITH NEW TO MATCH EXISTING. ACHIEVED, THE ADDITIONAL CYLINDER(s) MAY BE DISCARDED. **NOTE:** WHERE FINISH GRADE IS MORE THAN 4" 4 CH-1 & CH-2 CONCRETE PAD CONNECTION 1" = 1'-0" 5 CONCRETE PAD EDGE DETAIL 2 1" = 1'-0" CONCRETE PAD EDGE DETAIL THICKENED EDGE TO BE 8' BELOW TOP OF SLAB 1" = 1'-0" SEE DETAIL 3/A0.3 MIN BELOW GRADE, TYP. PROPOSED (P) SHEET NOTES NOTES ON THIS PROPOSED PLAN APPLY DEMO (D) SHEET NOTES ONLY TO THE PROPOSED DRAWING. ALL "BOXED" NOTES ON THIS PROPOSED NOTES ON THIS DEMO PLAN APPLY SITE PLAN REFER TO THE DRAWING LIST ONLY TO THE DEMO DRAWING. ALL "BOXED" NOTES ON THIS DEMO P1 NEW 6' VINYL FENCE. SITE PLAN REFER TO THE DRAWING P2 6" CONCRETE CHILLER PAG LIST BELOW. P4 EXISTING TRANSFORMER AND CONCRETE PAD. D1 REMOVE EXISTING TREE & EXTENTS OF ROOT SYSTEM LINE OF NEW CHILLER FRAME ON CONCRETE PAD UNDER PROPOSED CONCRETE WALKWAY AND CHILLER P6 EXISTING BACKFLOW PREVENTOR EX GOVT. P7 NEW 4" CONCRETE WALKWAY. EX GOVT. D2 REMOVE PORTION OF EXISTING CONCRETE WALKWAY CTR. BLDG P8 EXISTING COILING OVERHEAD DOOR, PROVIDE NEW D3 REMOVE CHILLER AND CONCRETE PAD IN PHASE (2) TOP WEATHER SEAL.SEE DETAIL 7/A0.3 D4 REMOVE WOODEN FENCE IN IT'S ENTIRETY P9 NEW CONCRETE WALKWAY TO START AT EXISTING D6 EXISTING TRANSFORMER AND ELECTRIC METER TO **EXPANSION JOINT** P10 NEW LANDSCAPING, BY OWNER. D7 REMOVE EXISTING LANDSCAPE IN IT'S ENTIRETY P12 DASHED LINE OF EXISTING CHILLER CONCRETE D8 EXISTING LANDSCAPE TO REMAIN D9 EXISTING BACKFLOW PREVENTOR TO REMAIN P13 EXISTING ELECTRIC METER ON CONCRETE POST P14 EXISTING LANDSCAPE P15 DASHED LINE OF THICKENED EDGE SLAB. SEE DETAILS. P16 SAW CUT WALKWAY JOINTS AT 5' O.C. **ELEVATION NOTE:** ELEVATION POINTS ARE REFERENCING NAVD 1988, TYP. **PHASING NOTE:** DEMOLITION NOTES THE REPLACEMENT OF CHILLERS IS TO BE PROPOSE AND COORDINATE WITH THE OWNER, A SEPARATED IN (2) PHASES. TIME SCHEDULE OF ALL WORK TO BE DONE. BEFORE ANY DEMOLITION BEGINS, FIELD VERIFY THE EXISTING PHASE (1) EXISTING CHILLER TO REMAIN IN USE CONDITIONS AND INFORM THE ARCHITECT OF ANY DISCREPANCIES 137.70 ADDENDUM 01.29.18 WHILE CH-1 AND ASSOCIATED CONCRETE PAD IN THE DEMOLITION PLAN. ARE INSTALLED, AS SHOWN. PROTECT THE WORK TO REMAIN. DAMAGE TO EXISTING WORK REV DESCRIPTION DATE MATERIALS AND EQUIPMENT AS A RESULT OF OPERATIONS SHALL PHASE (2) REMOVE THE EXISTING CHILLER WITH BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE **GRAPHIC SCALE:** ASSOCIATED CONCRETE PAD ONCE CH-1 IS ARCHITECT. ALL DAMAGE TO EXISTING WORK, MATERIAL AND CONNECTED AND FUNCTIONING, INSTALL CH-2 FINISH SHALL BE REPLACED BY THE CONTRACTOR WITH AS SHOWN. MATERIALS OF LIKE TYPE, QUALITY AND FINISH BY SKILLED MECHANICS OF THE TRADES INVOLVED AT NO ADDITIONAL COST TO THE OWNER. PROTECTION OF PERSONS AND PROPERTY SHALL BE PROVIDED PROJECT MANAGER: MJF THROUGHOUT THE PROGRESS OF THE WORK. THE WORK SHALL PROCEED IN SUCH A MANNER AS TO MINIMIZE THE SPREAD OF RAWN BY DUST AND FLYING PARTICLES AND TO PROVIDE SAFE WORKING A/E OF RECORD: CONDITIONS FOR PERSONNEL. ALL NECESSARY BARRIERS AND 20' - 6 1/2" V.I.F WARNING SIGNS SHALL BE PROVIDED AS REQUIRED BY THE ROJECT NO: BUILDING AUTHORITIES. REMOVE ALL DEBRIS FROM THE SITE DAILY AND LEAVE THE SITE IN **DIMENSION NOTES** SHEET TITLE: AN ORDERLY MANNER. ANY UTILITY CONDUIT/ PIPES SHOULD REMAIN OR BE RELOCATED

DO NOT SCALE DRAWINGS.

SITE PLAN- DEMOLITION

IF THE LOCATION OF ANY BUILDING ELEMENT IS NOT

MATHEMATICS, OR AS NOTED ABOVE, CONTACT THE

FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO

CONSTRUCTION. INFORM THE ARCHITECT OF ANY

ARCHITECT PRIOR TO LOCATING THE ELEMENT.

DISCREPANCIES IN THE PROPOSED PLAN.

OBVIOUS OR CANNOT BE DETERMINED BY DIMENSION,

PER MEP DEMOLITION DRAWINGS.

IF ANY EXISTING BUILDING MATERIAL OR SUBSTANCE

THE OWNER & THE ARCHITECT IMMEDIATELY.

BECOME THE PROPERTY OF THE CONTRACTOR.

ENCOUNTERED IS SUSPECTED AS BEING HAZARDOUS, CONTACT

ALL SALVAGED MATERIALS, UNLESS OTHERWISE NOTED SHALL

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No.1

ARCHITECTURAL

SITE PLAN &

DETAILS

A0.3

SHEET No.:

2 SITE PLAN - PROPOSED 1/8" = 1'-0"