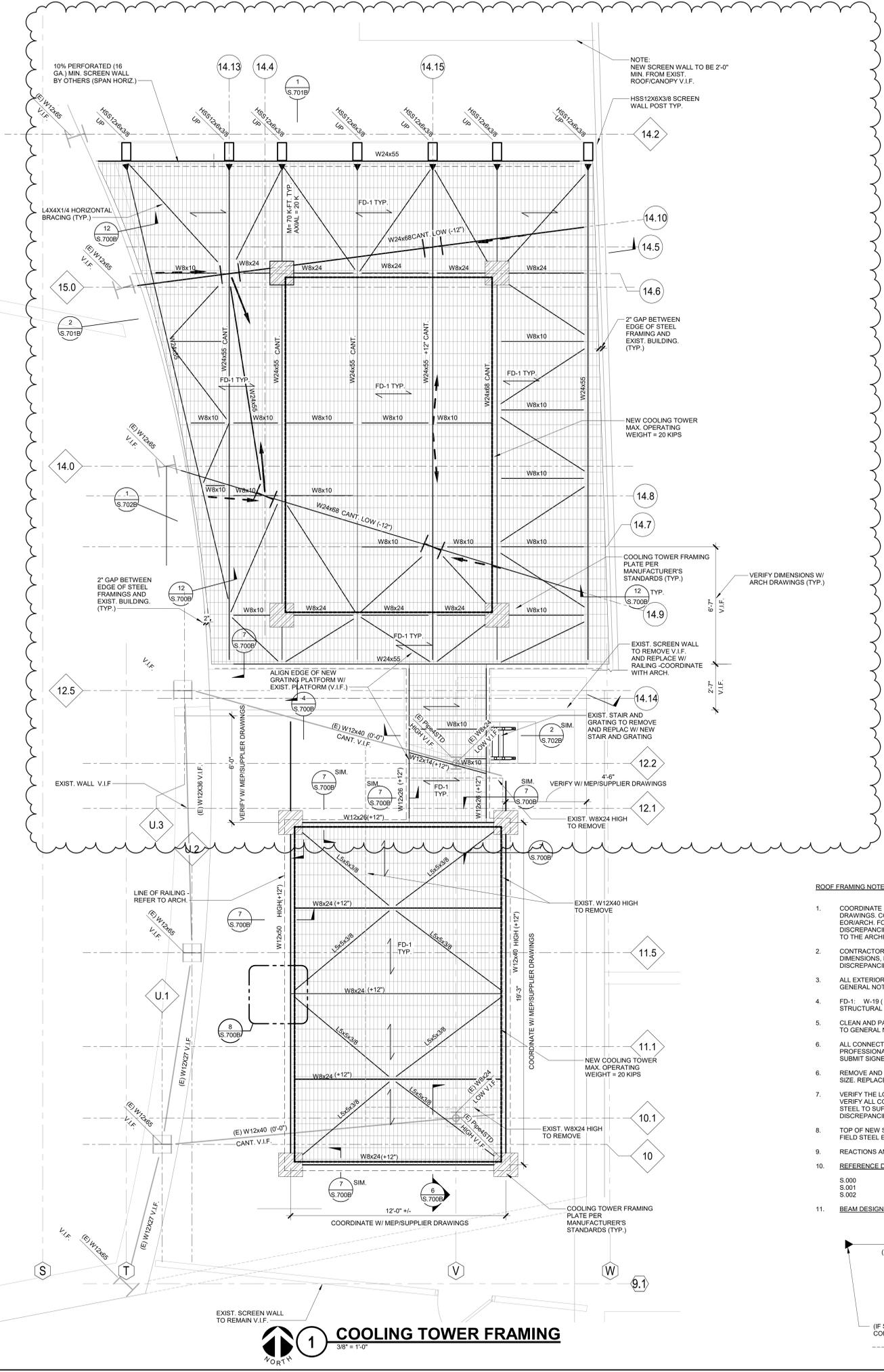
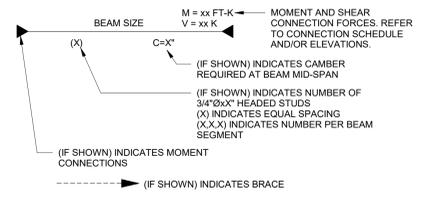


**2 FOUNDATION PLAN**  
3/8" = 1'-0"

- FOUNDATION NOTES:**
- CONTRACTOR TO DETERMINE FINISHED GRADE ELEVATION IN FIELD.
  - TOP OF GRADE BEAM ELEVATION = 0'-8" FROM FINISHED GRADE
  - TOP OF DRILLED PIER ELEVATION = 4'-2" MIN. FROM FINISHED GRADE
  - FOUNDATIONS ARE DESIGNED TO BEAR ON 24" CAISSONS (40' MIN. LENGTH) WITH 185 KIPS MIN. ALLOWABLE TENSION / COMPRESSION CAPACITY. (REFER TO GOTECH REPORT)
  - PROPOSED GRADE ELEVATIONS AROUND THE PERIMETER OF THE BUILDING TO BE MEASURED IN FIELD. REFER TO ARCH./CIVIL DRAWINGS.
  - REFER TO ARCH. DRAWINGS FOR LOCATION OF EXISTING RAMP. EXIST. RAMP TO BE REPLACED AFTER FOUNDATION INSTALLATION.
  - DESIGNATIONS:**  
GB-1 4'-0" WIDE X 3'-6" MIN. DEPTH GRADE BEAM REINF. WITH (6) #7 EA. WAY TOP AND BOTTOM W/ (2) #4 TIES @ 12" O.C. MAINT. BOTT. OF GRADE BEAM 4'-2" MIN. FROM FINISHED GRADE (F<sub>c</sub> = 4500 PSI)  
HP-1 2'-0" DIAMETER CAISSON REINFORCED WITH HP12X53 PILE W/ (4) 3/4" HEADED STUDS AT 18" O.C.
  - REFERENCE DRAWINGS:**  
S.000 GENERAL STRUCTURAL NOTES  
S.001 GENERAL STRUCTURAL NOTES  
S.002 SPECIAL INSPECTION SCHEDULES  
S.700B SECTIONS AND DETAILS  
S.701B SECTIONS AND DETAILS  
S.702B SECTIONS AND DETAILS

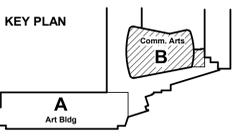
- ROOF FRAMING NOTES:**
- COORDINATE SIZES AND LOCATION OF ALL EXISTING ROOF OPENINGS WITH EXISTING DRAWINGS. COORDINATE SIZE OF EXIST. OPENINGS TO BE ENLARGED WITH EOR/ARCH. FOR REQUIRED REINFORCEMENT AROUND THE OPENINGS. REPORT ANY DISCREPANCIES WITH RESPECT TO SIZE AND WEIGHTS SHOWN ON THESE DRAWINGS TO THE ARCHITECT AND ENGINEER.
  - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS (SIZES, SPACING LOCATIONS, DIMENSIONS, ETC.) OF EXISTING FRAMING IMPACTED BY NEW CONSTRUCTION. REPORT ANY DISCREPANCIES TO ARCHITECT AND ENGINEER.
  - ALL EXTERIOR STEEL AND GRATING SHALL BE HOT-DIPPED GALVANIZED. - REFER TO GENERAL NOTES.
  - FD-1: W-19 (1 1/2" x 3/16") STEEL BAR GRATING, HOT-DIP GALVANIZED, WELD GRATING TO STRUCTURAL SUPPORT @ 12" O.C. (3/16" FILLET WELD, 3" @ 12" O.C.)
  - CLEAN AND PAINT ALL EXTERIOR STEEL WITH CORROSION INHIBITING EPOXY PAINT - REFER TO GENERAL NOTES.
  - ALL CONNECTIONS OF COOLING TOWER TO STRUCTURAL FRAMING TO BE PROVIDED BY PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MICHIGAN HIRED BY CONTRACTOR. SUBMIT SIGNED AND SEALED CALC. TO EOR TO REVIEW
  - REMOVE AND REPLACE ALL EXISTING BOLTS WITH GALVANIZED A325 BOLTS OF MATCHING SIZE. REPLACE BOLTS ONE AT A TIME. SHORE AS REQUIRED
  - VERIFY THE LOCATION/DIMENSION OF NEW STEEL FRAMING WITH MEP/SUPPLIER DRAWINGS. VERIFY ALL COOLING TOWER DIMENSIONS, WEIGHT, AND REQUIREMENTS FOR STRUCTURAL STEEL TO SUPPORT COOLING TOWER W/ MEP/SUPPLIER DRAWINGS. REPORT ANY DISCREPANCIES TO ARCHITECT AND ENGINEER.
  - TOP OF NEW STEEL OF TWO COOLING TOWERS TO MATCH. CONTRACTOR TO VERIFY IN FIELD STEEL ELEVATION BEFORE FABRICATION.
  - REACTIONS AND MEMBER FORCES ARE FACTORED (LRFD).
  - REFERENCE DRAWINGS:**  
S.000 GENERAL STRUCTURAL NOTES  
S.001 GENERAL STRUCTURAL NOTES  
S.002 SPECIAL INSPECTION SCHEDULES
  - BEAM DESIGNATIONS:**

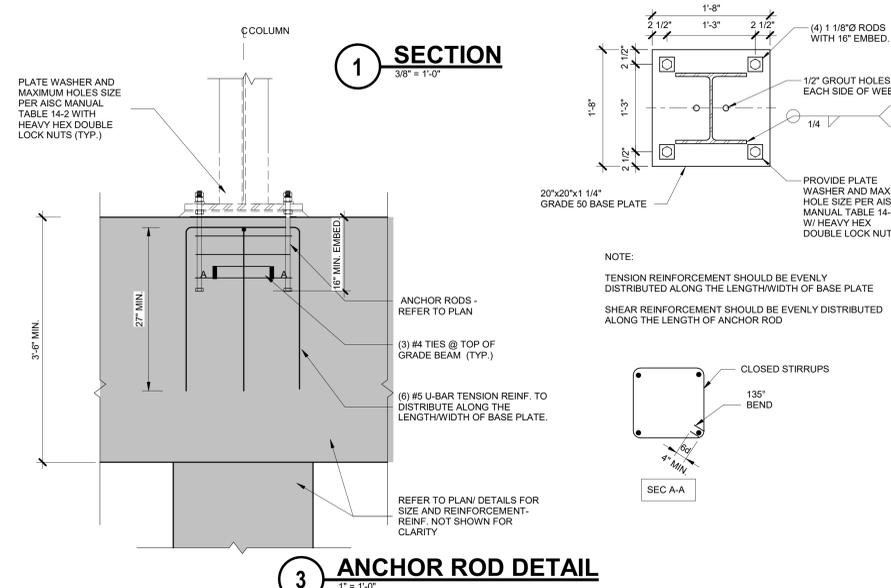
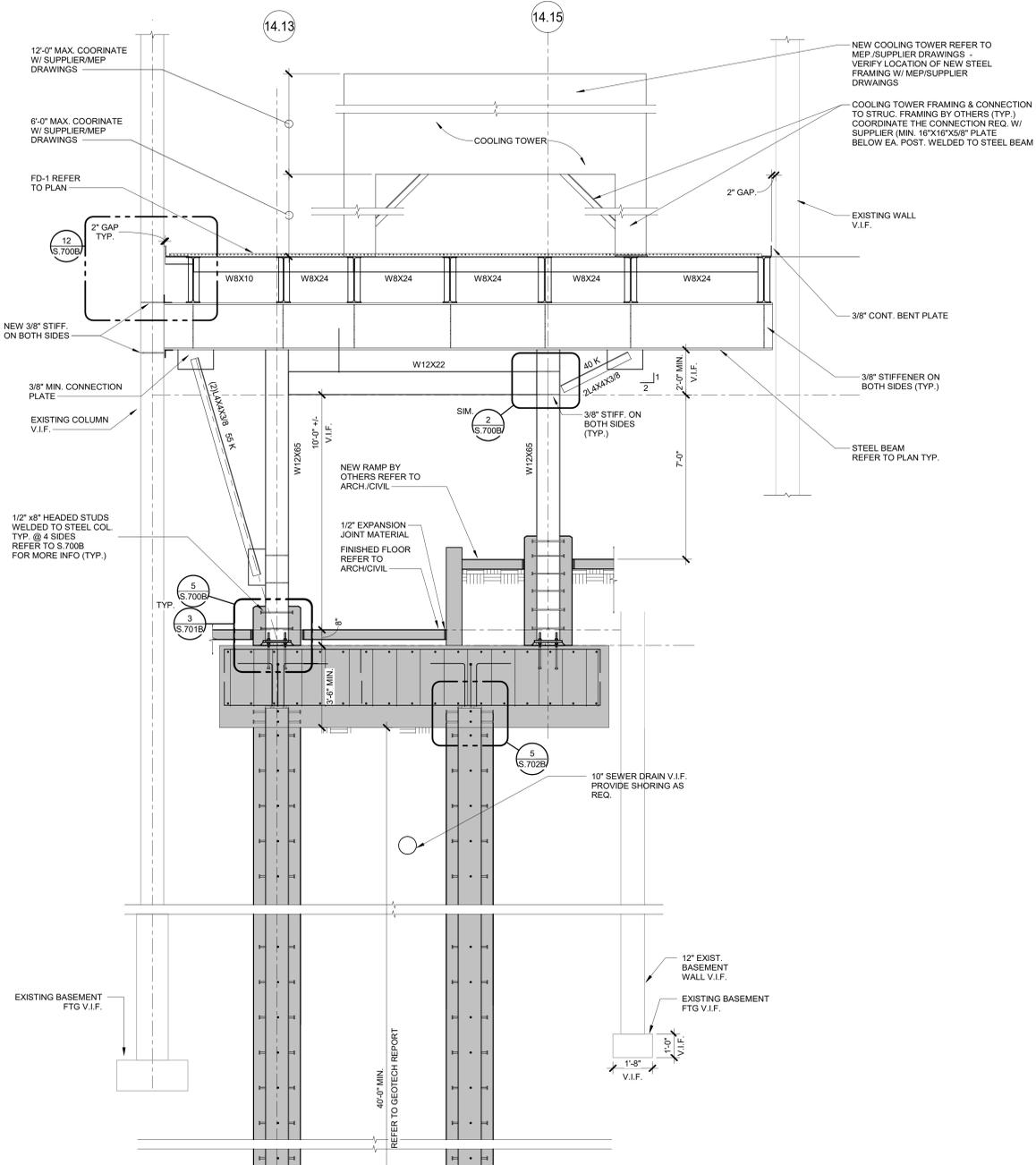
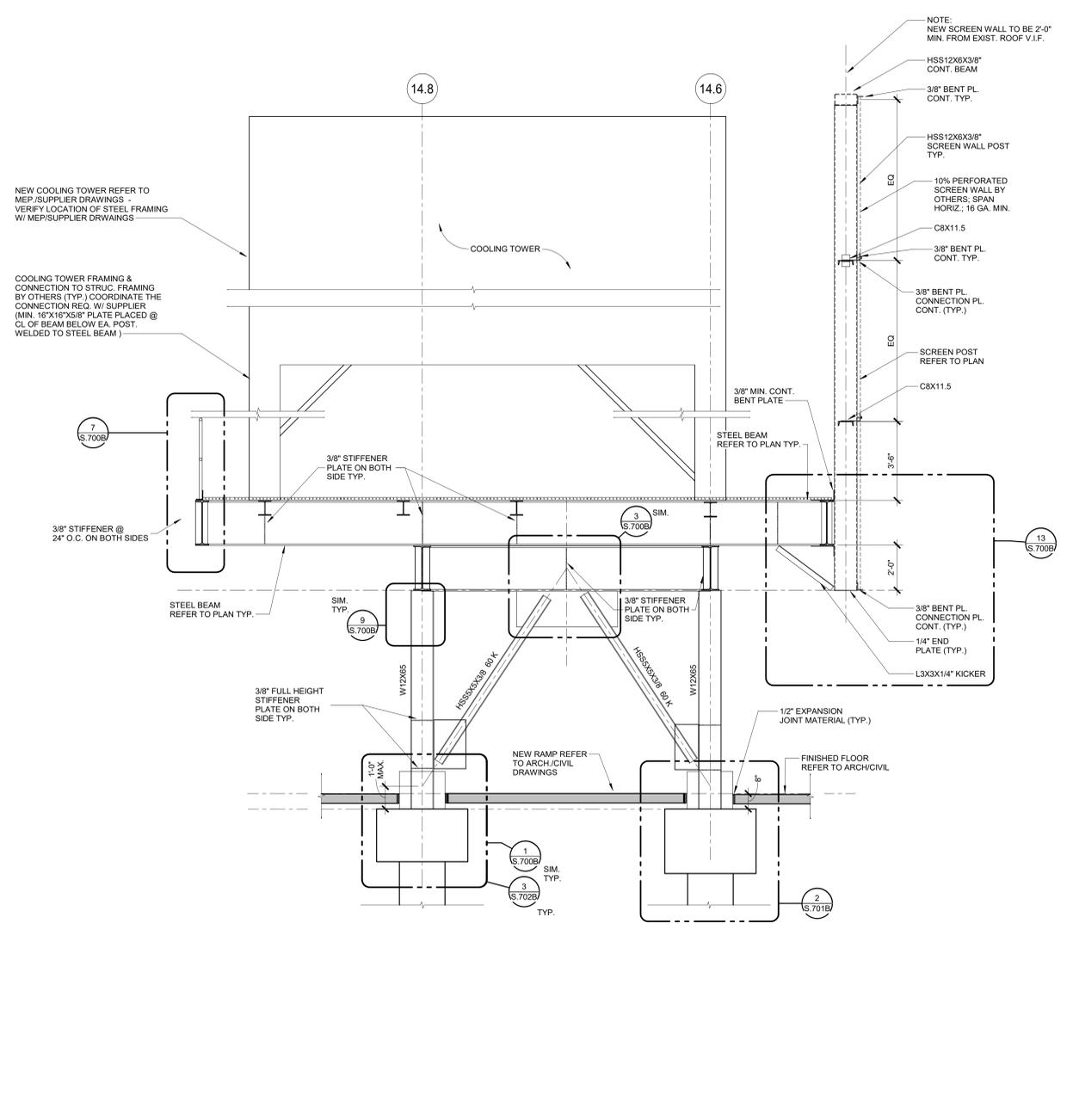


**1 COOLING TOWER FRAMING**  
3/8" = 1'-0"



33533 W. TWELFTH MILE  
SUITE 200  
FARMINGTON HILLS, MI 48331  
P: 248.344.2800 F: 248.344.1650  
PROJECT #22005017.00





**1 SECTION**  
 3/8" = 1'-0"

**2 SECTION**  
 3/8" = 1'-0"

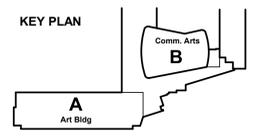
**3 ANCHOR ROD DETAIL**  
 1" = 1'-0"

**IMEG**  
 The FUTURE is In Smart  
 33533 W. TWELVE MILE SUITE 200  
 FARMINGTON HILLS, MI 48331  
 P: 248.344.2800 F: 248.344.1650  
 PROJECT #22005017.00

MEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. ©2020 IMEG CORP.

FOR BIDS  
 26 MAY 2023 MSU REVIEW  
 13 JUN 2023 FOR CONSTRUCTION  
 14 JUN 2023 OWNER REVIEW  
 13 SEP 2023 A-B  
 24 OCT 2024 RMA  
 22 NOV 2024 RMA REVISED

REF. SCALE IN INCHES PROJECT #22005017.00

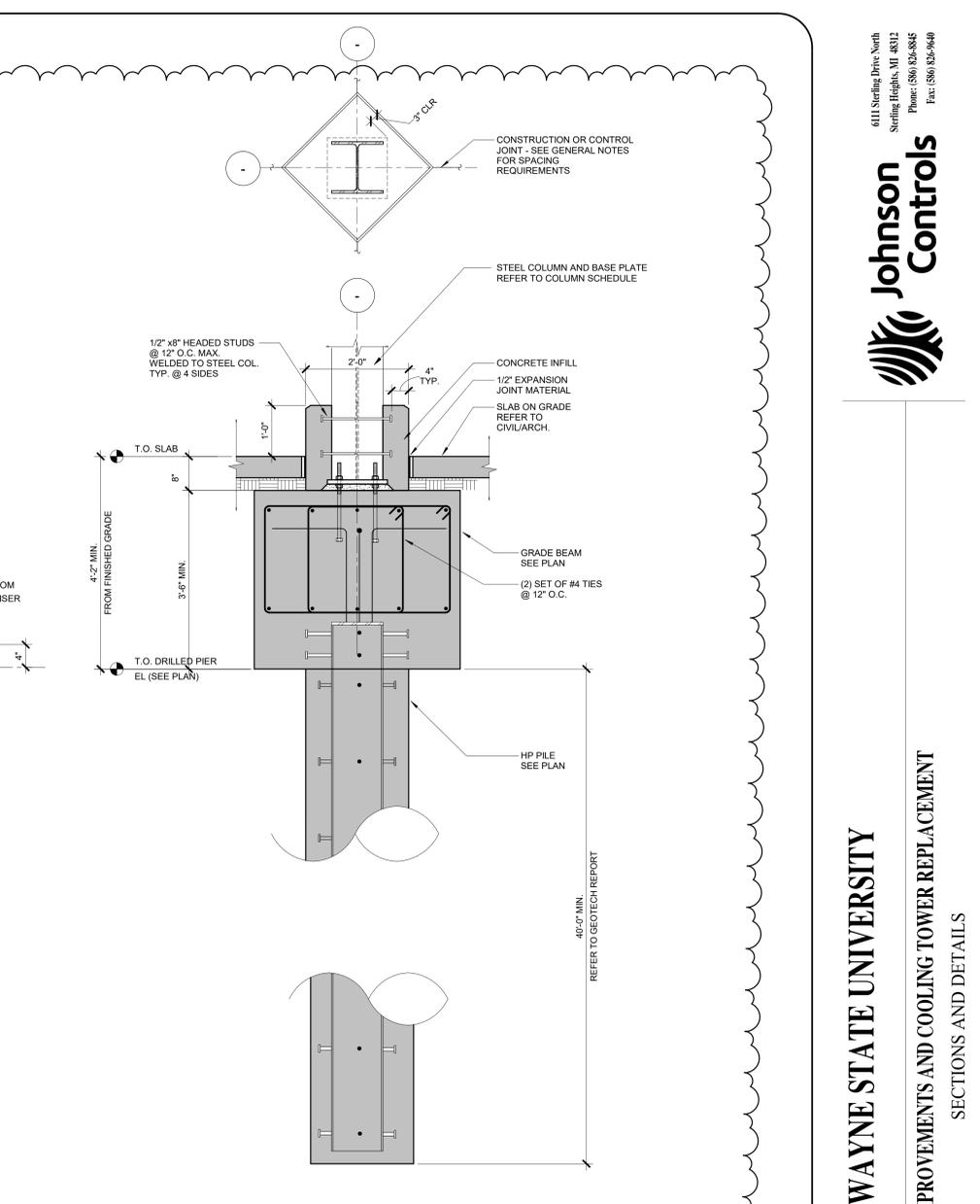
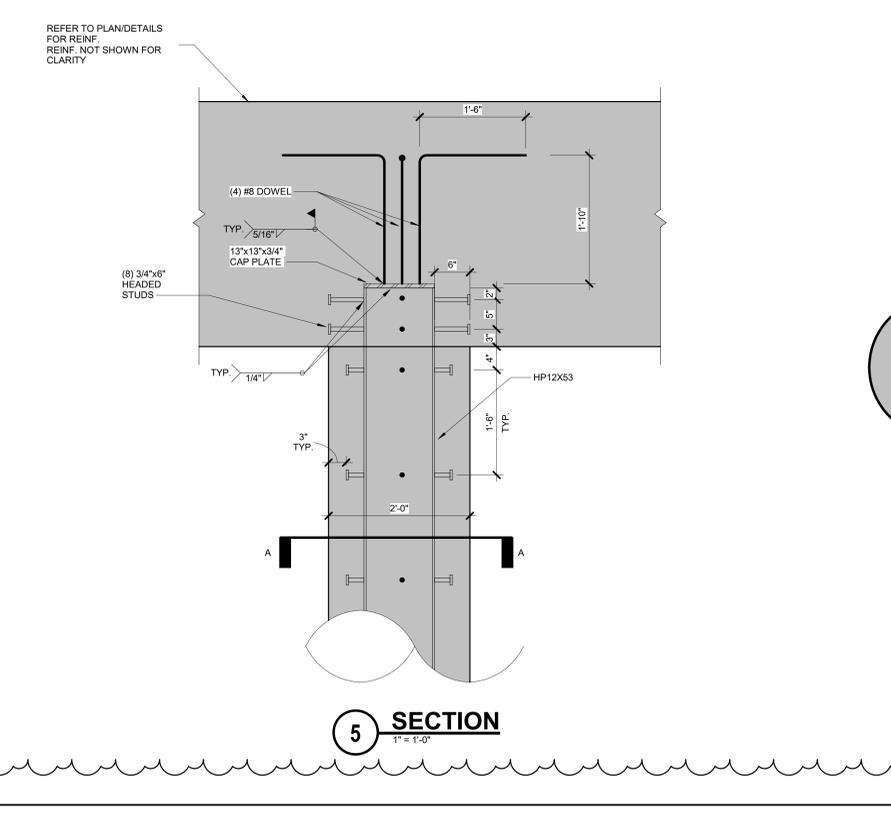
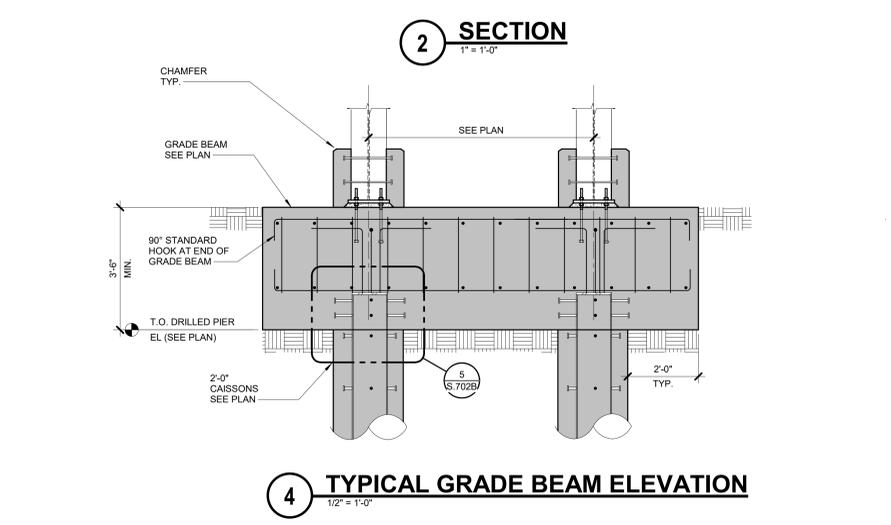
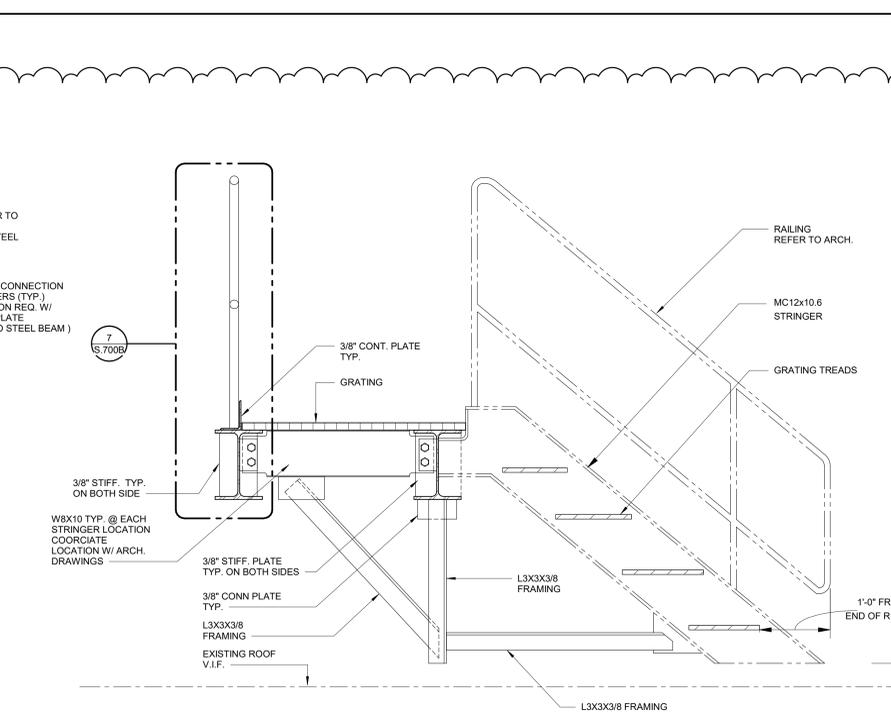
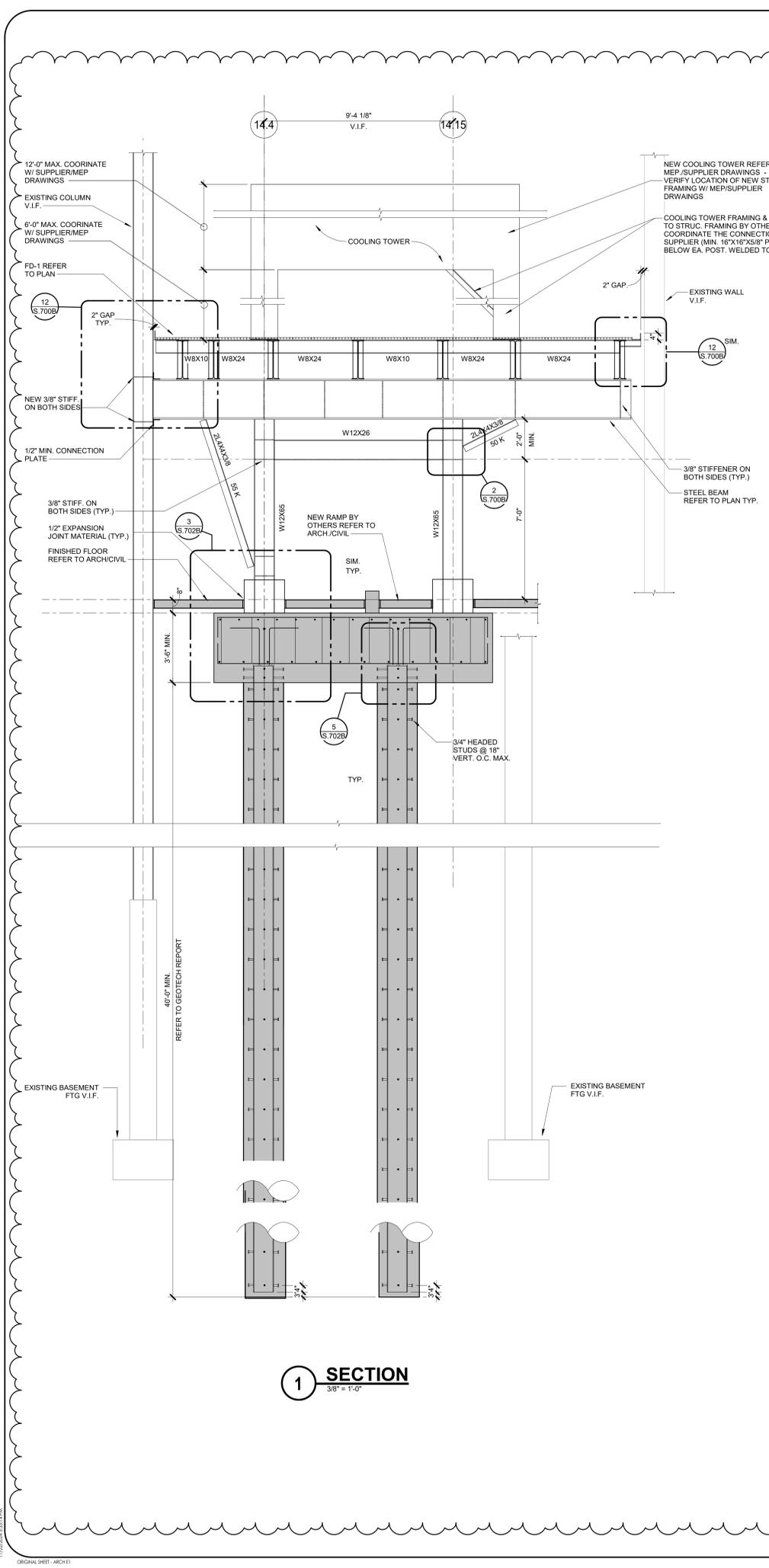


NOTICE:  
 THIS PRINT IS FURNISHED UPON CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF JOHNSON CONTROLS AND ITS AFFILIATES AND UPON FURTHER CONDITION THAT NEITHER JOHNSON CONTROLS NOR ITS AFFILIATES SHALL BE LIABLE OR RESPONSIBLE FOR ANY ERRORS OR OMISSIONS, WHETHER CAUSED BY NEGLIGENCE OR OTHERWISE, IN ANY PART OF THIS DRAWING. PROJECT #22005017.00

DATE: 05/26/2023 10:51:11 AM  
 USER: jason.miller  
 PROJECT: 22005017.00

2023.04.17  
 As indicated

**S.701B**



**DRILLED PIER NOTES:**

- THE ACTUAL BEARING ELEVATION WILL DEPEND ON THE SPECIFIC SOIL CONDITIONS ENCOUNTERED AT DRILLED PIER LOCATION.
- CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI FOR ALL HP PILES.



**IMEG**  
The FUTURE Built Smarter  
33533 W. TWELVE MILE SUITE 200  
FARMINGTON HILLS, MI 48331  
P: 248 344 2800 F: 248 344 1650  
PROJECT #22005017.00

MEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. ©2022 IMEG CORP.  
REGISTRATION NUMBER: 24003

FOR BIDS  
20 MAY 2023 MSU REVIEW  
13 JUN 2023 FOR CONSTRUCTION  
14 JUN 2023 OWNER REVIEW  
13 SEP 2023 A-1  
24 OCT 2024 FRM  
22 NOV 2024 FRM REVISED

**KEY PLAN**

**NOTICE:**  
THIS PRINT IS FURNISHED UPON CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF JOHNSON CONTROLS AND ITS AFFILIATES, AND UPON FURTHER CONDITION THAT NEITHER NOR ANY DATA OR INFORMATION SHOWN HEREON SHALL BE RELEASED OR DIVULGED, USED, OR REPRODUCED IN WHOLE OR IN PART FOR CONSTRUCTION PURPOSES WITHOUT THE WRITTEN APPROVAL OF IMEG CORP. ©2022 IMEG CORP.