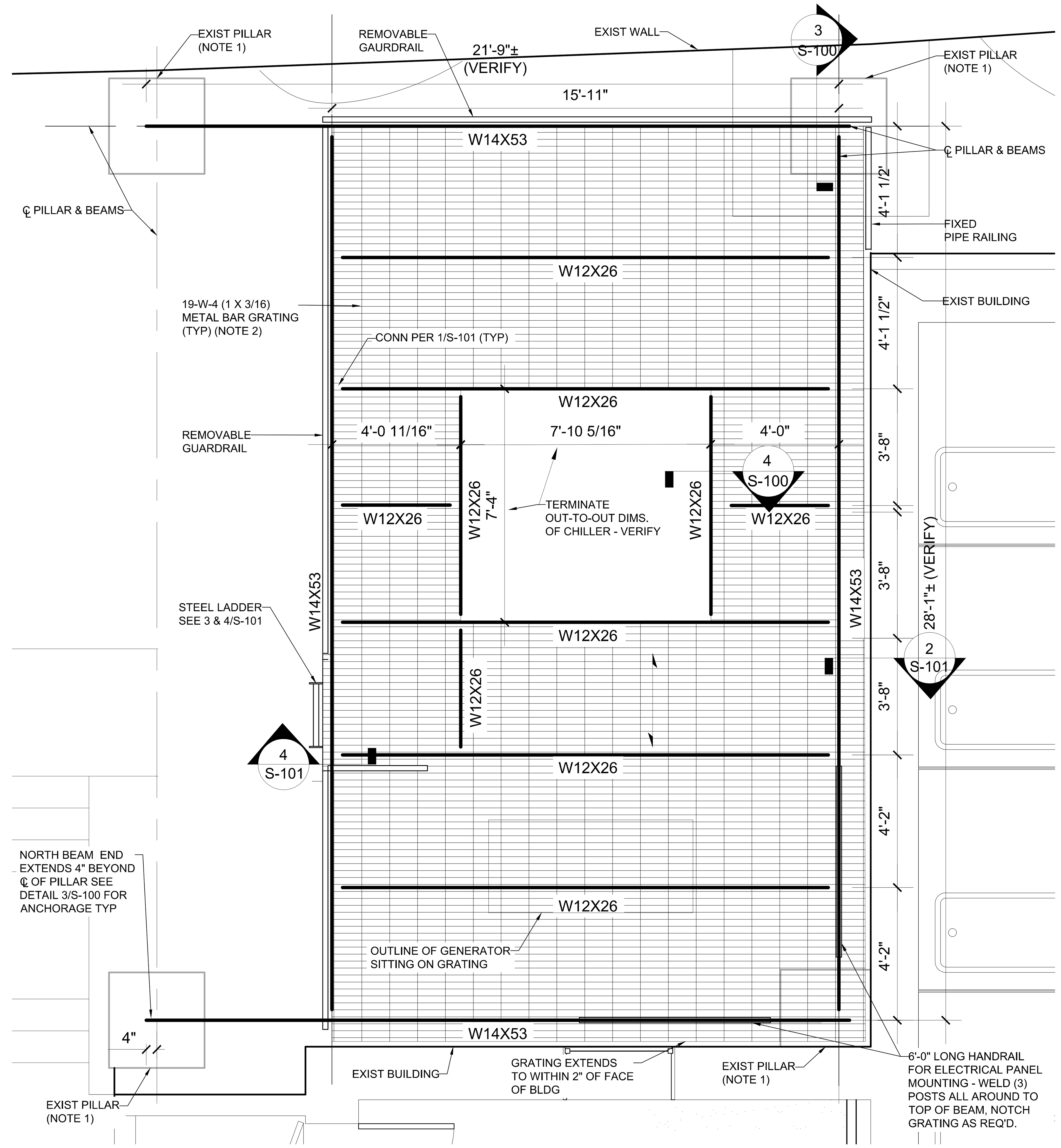
STRUCTURAL GENERAL NOTES:

1. BUILDING CODE - 2018 INTERNATIONAL BUILDING CODE (IBC).
2. 100 PSF LIVE LOAD USED FOR DESIGN.
3. CONTRACTOR MUST VERIFY ALL EQUIPMENT SIZES AND EXISTING CONDITIONS. STRUCTURAL ENGINEER WILL NEED TO VERIFY BEAM SIZES, GRATING SPAN AND SIZE.
4. ALL W-SHAPE SECTIONS SHALL CONFORM TO ASTM A992 (Fy = 50 KSI).
5. BOLTS FOR STRUCTURAL CONNECTIONS SHALL BE 3/4-INCH DIAMETER ASTM F3125 GRADE A325, TYPE 1 IN BEARING-TYPE CONNECTIONS, TIGHTENED TO SNUG TIGHT, UNLESS OTHERWISE NOTED.
6. ANCHOR RODS SHALL BE SPECIFIED IN DETAIL 3/S-100.
7. CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE PER DETAIL 1/S-101.
8. HOT-DIP GALVANIZE ALL STEEL BEAM ANCHORS, GRATING, LADDER, ETC. SEE ARCH DWGS FOR ANY PAINTING REQUIREMENTS IN ADDITION TO GALVANIZING.
9. SPECIAL INSPECTIONS AS DEFINED AND REQUIRED BY THE CODE SHALL BE PERFORMED BY AN INDEPENDENT INSPECTION AGENCY APPROVED BY THE BUILDING OFFICIAL TO PERFORM SUCH WORK. THE DESIGNATED INSPECTOR SHALL ALSO BE APPROVED BY THE ARCHITECT AND ENGINEER OF RECORD AND SHALL BE PAID FOR BY THE TESTING ALLOWANCE.
10. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK HEREIN AFTER ASSIGNED FOR CONFORMANCE WITH APPROVED DESIGN DRAWINGS AND SPECIFICATIONS AND SHALL BRING ALL DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. UNCORRECTED DISCREPANCIES SHALL BE REPORTED TO THE BUILDING OFFICIAL AND ARCHITECT/ENGINEER OF RECORD.
11. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE ARCHITECT/ENGINEER OF RECORD AT MONTHLY INTERVALS AND SHALL SUBMIT A FINAL SIGNED REPORT AT THE PROJECT COMPLETION STATING WHETHER THE WORK INSPECTED WAS, TO THE BEST OF THEIR KNOWLEDGE, IN ACCORDANCE WITH APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
12. ITEMS FABRICATED IN FABRICATOR'S SHOP SHALL BE INSPECTED PER ALL APPLICABLE PORTIONS OF IBC SECTION 1704.2.5, EXCEPT WHEN FABRICATOR IS APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1. THE CONTRACTOR SHALL FURNISH CERTIFICATES OF COMPLIANCE TO THE BUILDING OFFICIAL FOR ALL PREFABRICATED STRUCTURAL STEEL MEMBERS AS REQUIRED BY SECTIONS 1704.2.5.1 & 1704.5.
13. STEEL ELEMENTS SHALL BE INSPECTED PER QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.
14. STEEL GRATING SHALL BE ATTACHED TO STEEL BEAMS WITH GALVANIZED "G" CLIPS INSTALLED FROM THE TOP SIDE. CLIPS SHALL BE PLACED AT INTERMEDIATE SUPPORTS IN THE MIDDLE OF THE GRATING PANELS AND AT THE FOUR CORNERS OF EACH GRATING PANEL, 6" FROM EACH SIDE OF PANEL.



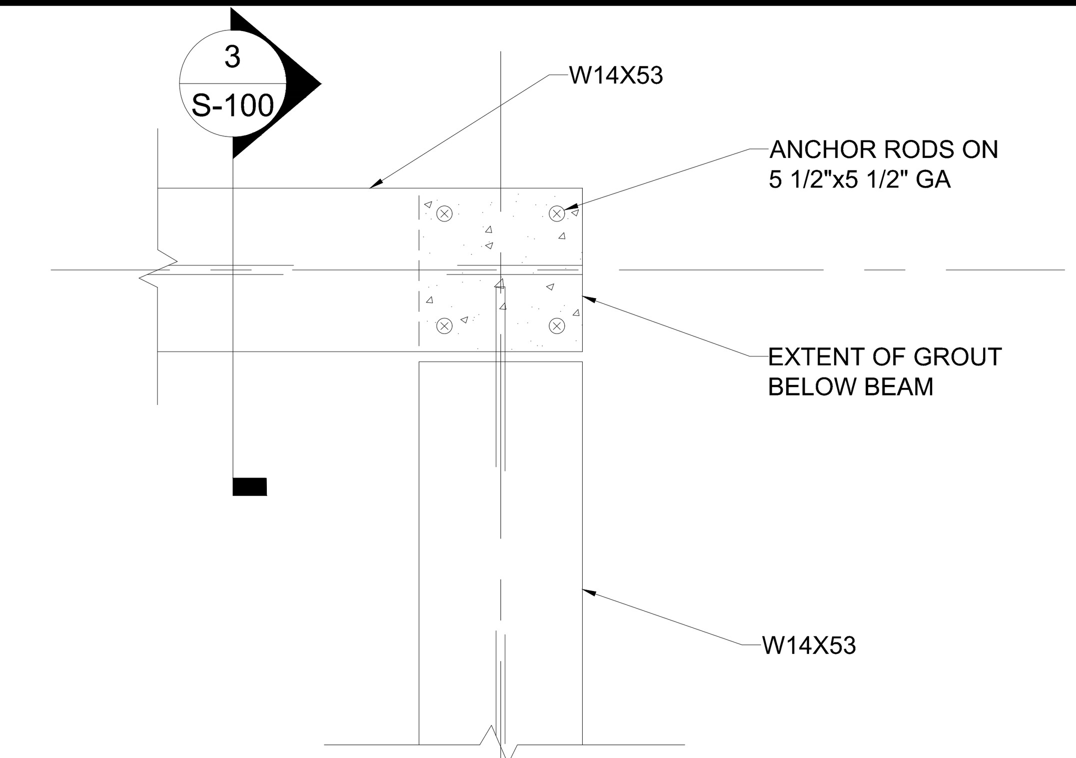

1 PLATFORM FRAMING PLAN

SCALE: 3/8" = 1'-0"

NORTH

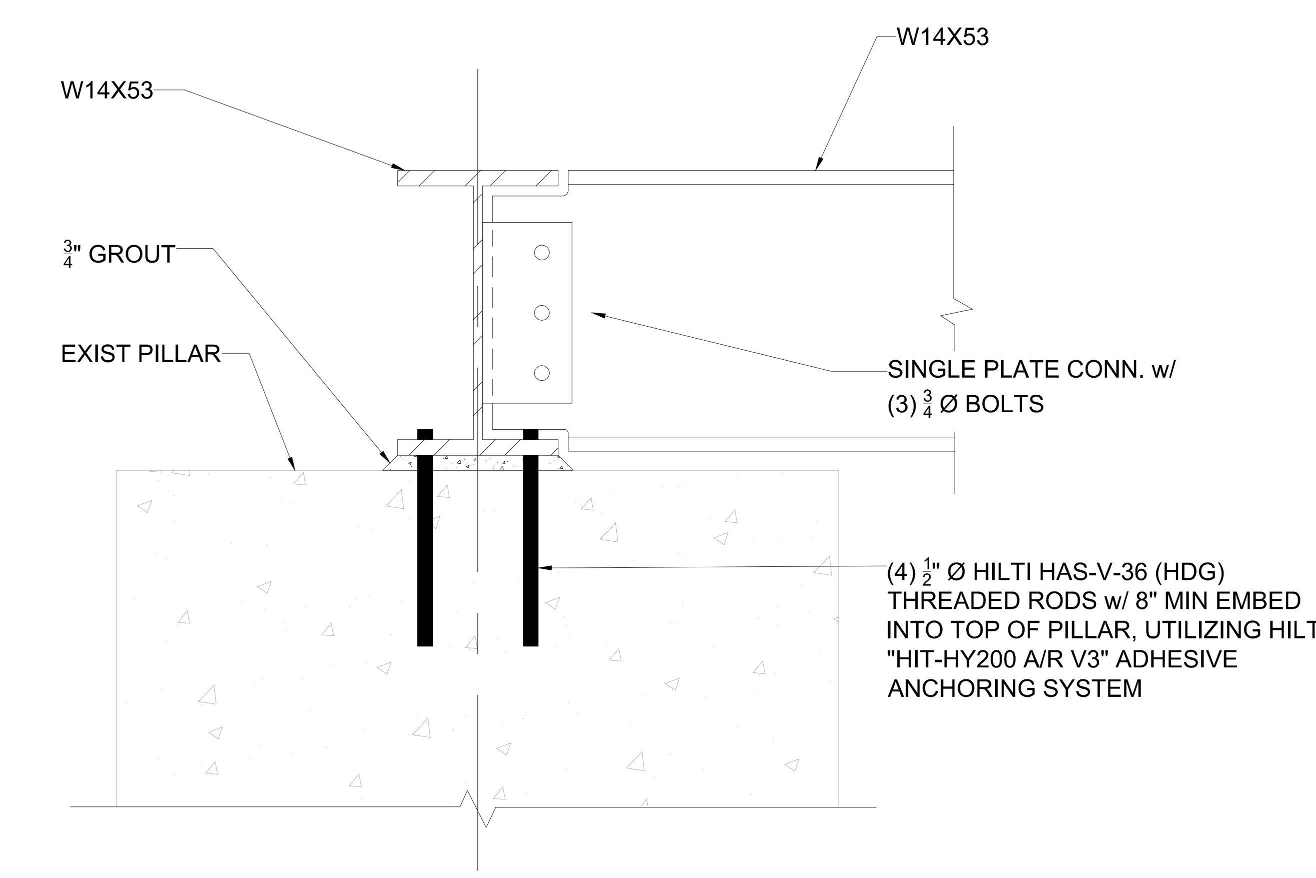
FRAMING PLAN NOTES:

1. EXISTING CONCRETE PILLAR AT NORTHEAST, NORTHWEST, AND SOUTHEAST CORNERS ARE APPROXIMATELY 3'-0"X3'-0" IN PLAN AT THE TOP, TAPERING TO A WIDER DIMENSION AT THE BOTTOM. FIELD VERIFY PILLAR SIZE @ SOUTHWEST CORNER. PLAN DIMENSIONS BETWEEN PILLAR CENTERLINES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR.
2. INDICATES GALVANIZED STEEL GRATING (19-W-4, w/ 1"X3/16" BEARING BARS). SEE STRUCTURAL GENERAL NOTES FOR CONNECTION TO BEAMS.



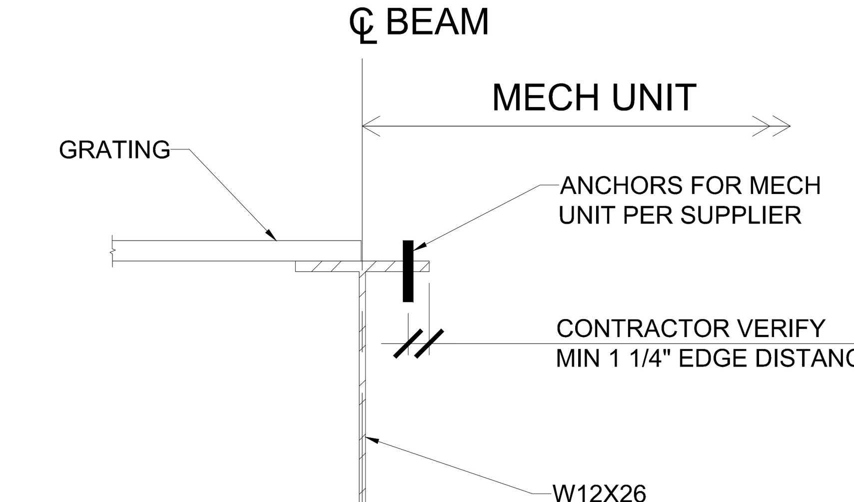

2 BEAM ANCHORS

SCALE: 1 1/2" = 1'-0"




3 SECTION

SCALE: 1 1/2" = 1'-0"




NOTE:
DETAIL IS TYP @ (4) SIDES OF CHILLER

4 SECTION

SCALE: 1 1/2" = 1'-0"

FINAL CONSTRUCTION DOCUMENTS

| A/E FIRM | DESIGNED: NRJ | SUB SHEET NO. | TITLE OF SHEET | DRAWING NO. |
|---|---|---|---|---|
| PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE. | DRAWN BY: MF | S-100 | STRUCTURAL GENERAL NOTES, PLATFORM FRAMING PLAN & DETAILS | PMIS NO. 177425 |
| SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE. | TECH. REVIEW: NRJ | | BUCKSTAFF BATHHOUSE HVAC<br>HOT SPRINGS NATIONAL PARK<br>HOT SPRINGS, AK | SHEET 3 OF 60 |
| | DATE: 2/15/2024 | | | |