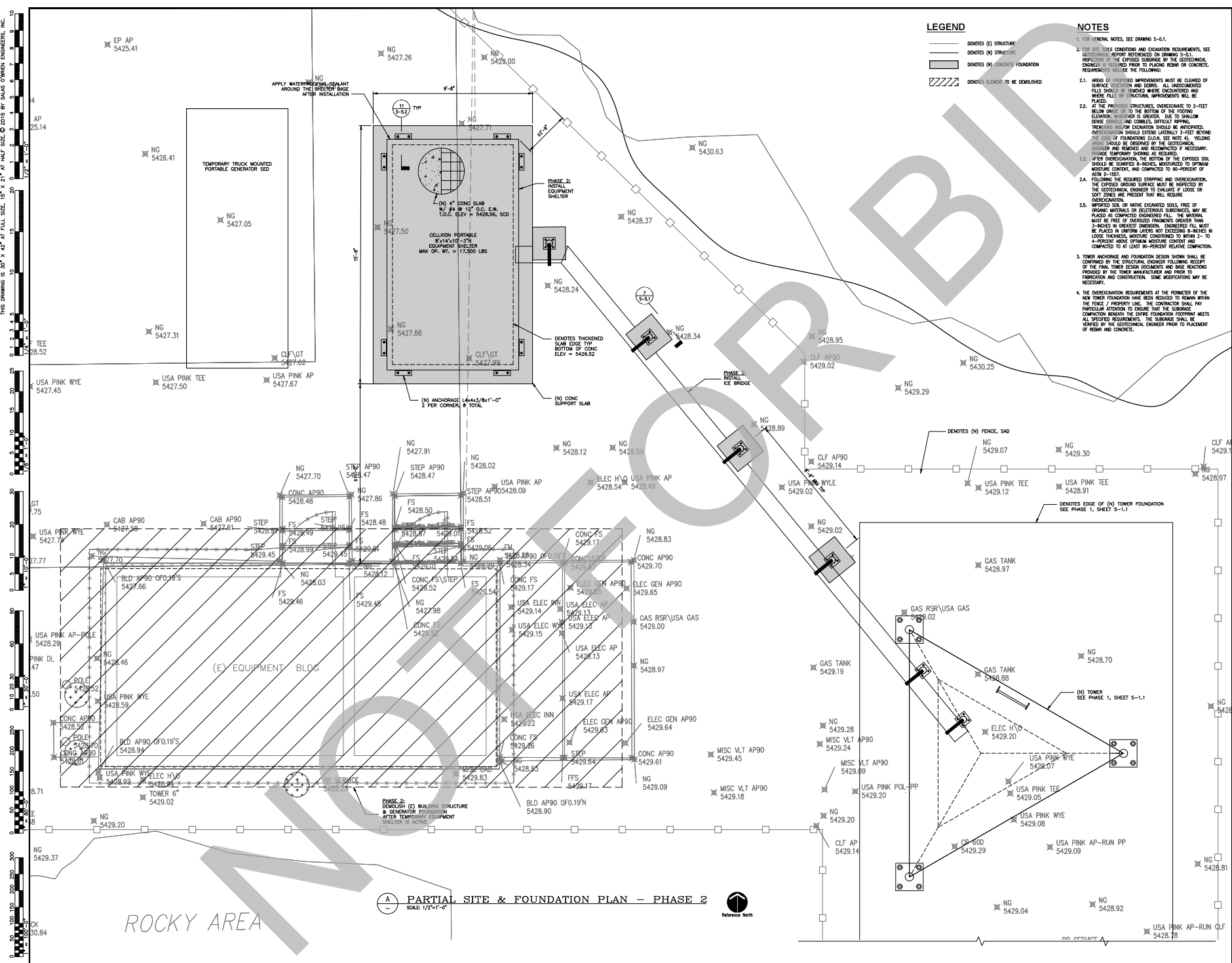


THIS DRAWING IS 30" X 42" AT FULL SIZE, 15" X 21" AT HALF SIZE. © 2019 BY SALAS O'BRIEN ENGINEERS, INC.



LEGEND

- DENOTES (E) STRUCTURE
- DENOTES (N) STRUCTURE
- DENOTES (N) CONCRETE FOUNDATION
- ▨ DENOTES ELEMENT TO BE DEMOLISHED

NOTES

1. FOR GENERAL NOTES, SEE DRAWING S-0.1.
2. FOR SITE SOIL CONDITIONS AND FOUNDATION REQUIREMENTS, SEE GEOTECHNICAL REPORT REFERENCED ON DRAWING S-0.1. INSPECTION OF THE EXPOSED SUBGRADE BY THE GEOTECHNICAL ENGINEER IS REQUIRED PRIOR TO PLACING REBAR OR CONCRETE. REQUIREMENTS INCLUDE THE FOLLOWING:
 - 2.1. AREAS OF PROPOSED IMPROVEMENTS MUST BE CLEARED OF SURFACE VEGETATION AND DEBRIS. ALL UNDOCUMENTED FILLS SHALL BE EXPOSED WHERE ENCOUNTERED AND WHERE FILL OR STRUCTURAL IMPROVEMENTS WILL BE PLACED.
 - 2.2. AT THE PROPOSED STRUCTURES, OVERCASTMENT TO 2-FEET BELOW SHALL BE TO THE BOTTOM OF THE EXISTING ELEVATION. MINIMUMS IF GREATER, ONE TO SHALLOW LOOSE FILLING AND CORNERS, WITHOUT REPAIR. EXISTING FILLING DOWNWARD SHOULD BE ANCHORED. OVERCASTMENT SHOULD EXTEND MINIMUM 3'-0" BEYOND THE EDGE OF FOUNDATIONS (U.S. SEE NOTE A). YIELDING POINTS SHOULD BE OBTAINED BY THE GEOTECHNICAL ENGINEER AND REMOVED AND RECOMPACTED IF NECESSARY. PROPOSED TEMPORARY SPERM SHOULD BE OBTAINED TO OPTIMUM MOISTURE CONTENT, AND COMPACTED TO 90-PERCENT OF ASTM D-1557.
 - 2.3. AFTER OVERCASTMENT, THE BOTTOM OF THE EXPOSED SOIL SHOULD BE SCARIFIED AND RECOMPACTED TO OPTIMUM MOISTURE CONTENT, AND COMPACTED TO 90-PERCENT OF ASTM D-1557.
 - 2.4. FOLLOWING THE REQUIRED STRIPPING AND OVERCASTMENT, THE EXPOSED DRAINING SURFACE MUST BE INSPECTED BY THE GEOTECHNICAL ENGINEER TO VALIDATE IF LOOSE OR SOFT SOILS ARE PRESENT THAT WILL REQUIRE OVERCASTMENT.
 - 2.5. IMPORTED SOILS OF NATIVE EXPANDED SOILS, FREE OF ORGANIC MATTER OR ELECTROLYTIC SUBSTANCES, MAY BE PLACED AS COMPACTED ENGINEERED FILL. THE MATERIAL MUST BE FREE OF DESIGNED FRAGMENTS GREATER THAN 3-INCHES IN GREATEST DIMENSION. ENGINEERED FILL MUST BE PLACED IN LIFTWISE LAYERS NOT EXCEEDING 8-INCHES IN LOOSE THICKNESS, MOISTURE CONDITIONED TO WITHIN 2- TO 4-PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 90-PERCENT RELATIVE COMPACTION.
3. TOWER MOISTURE AND FOUNDATION DESIGN SHALL BE CONFIRMED BY THE STRUCTURAL ENGINEER FOLLOWING RECEIPT OF THE FINAL TOWER DESIGN DOCUMENTS AND BASE REACTIONS PROVIDED BY THE TOWER MANUFACTURER AND PRIOR TO FABRICATION AND CONSTRUCTION. SOME MODIFICATIONS MAY BE NECESSARY.
4. THE OVERCASTMENT REQUIREMENTS AT THE PERIMETER OF THE NEW TOWER FOUNDATION HAVE BEEN REDUCED TO REMAIN WITHIN THE FENCE'S PROPERTY LINE. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO ENSURE THAT THE SUBGRADE COMPOSITION REMAINS THE ENTIRE FOUNDATION FOOTPRINT MEETS ALL SPECIFIED REQUIREMENTS. THE SUBGRADE SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REBAR AND CONCRETE.

SALASO'BRIEN
| expect a difference |
3700 South Susan Street, Ste 150
Santa Ana, California 92704
949.517.4900 | 408.297.2995 (f)
salasobrien.com
California | Georgia | Louisiana
Montana | Texas | Washington
Licensed in 50 States

CPS
CONCRETE PUMPING SERVICES
301 W. IRLAND AVENUE, SUITE 100
PHOENIX, AZ 85009
PHILIP@CPSAZ.COM
PHILIP@CPSAZ.COM
CPS Project No. 15351



10.10.1237
800MHz UPGRADE
SKYLAND PEAK TOWER

ISSUE	MARK	DATE	DESCRIPTION
		11/20/22	50% CD SUBMITTAL
		06/24/23	95% CD SUBMITTAL
		07/12/24	100% CD SET
		07/12/24	TEMP SHELTER REVISION

SCORE PROJECT NO:	01/10/22
DATE:	01/10/22
DRAWN BY:	TD
CHECKED BY:	TCE
APPROVED BY:	TCE

SHEET TITLE
STRUCTURAL
PARTIAL SITE & FOUNDATION PLAN
PHASE 2

SCALE: AS NOTED
THIS DRAWING IS 30" X 42" AT FULL SIZE

S-1.2



10.10.1237
 800MHz UPGRADE
 SKYLAND PEAK TOWER

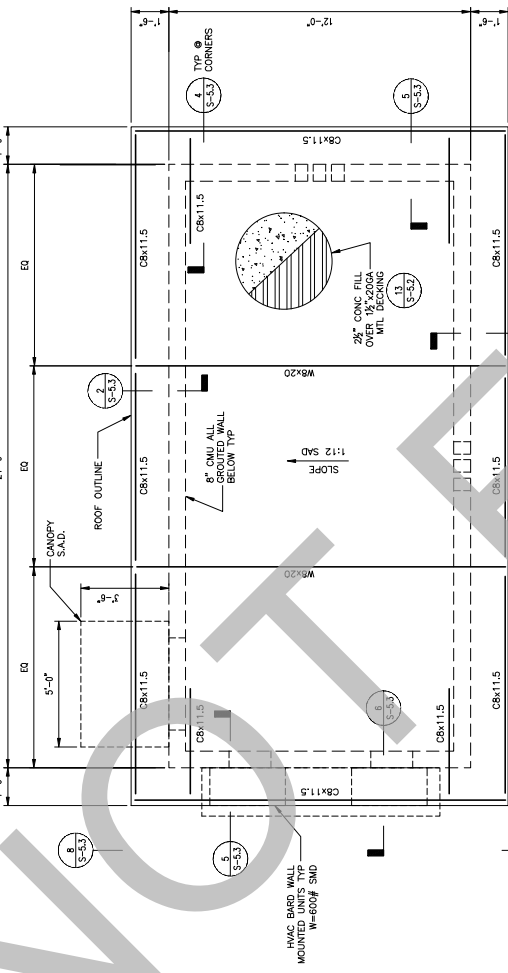
ISSUE	DATE	DESCRIPTION
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22
11/20/22	DATE OF SUBMITTAL	11/20/22

DATE PROJECT NO.	5/17/07/03
DESIGNER	TD
CHECKED BY:	TD
APPROVED BY:	TD
TITLE	TD
SHEET TITLE	TD

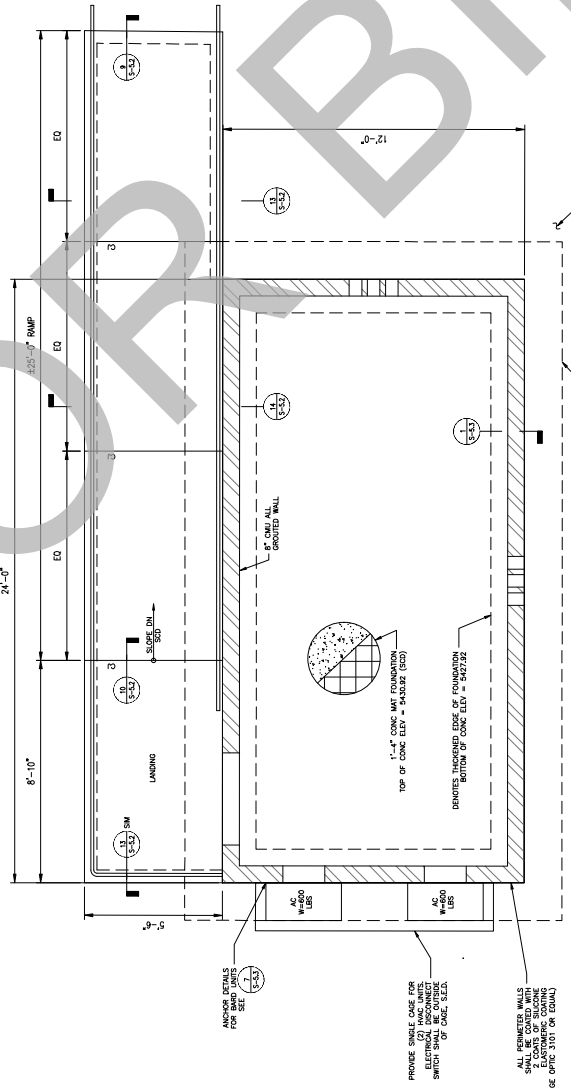
STRUCTURAL
 EQUIPMENT BUILDING
 PLANS & ELEVATIONS
 NEW WORK

SCALE: AS NOTED
 THIS DRAWING IS 30% OF FULL SIZE

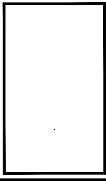
- NOTES**
- FOR GENERAL NOTES, SEE DRAWING S-4.1.
 - FOR SITE-SPECIFIC CONDITIONS AND EXISTENCE REQUIREMENTS, SEE EXISTENCE DRAWINGS AND EXISTENCE SCHEDULES. THE EXISTENCE REQUIREMENTS OF THE EXISTING STRUCTURE SHALL BE MAINTAINED TO THE EXTENT POSSIBLE. THE EXISTENCE REQUIREMENTS SHALL BE MAINTAINED TO THE EXTENT POSSIBLE.
 - AREAS OF PROPOSED IMPROVEMENTS WILL BE CURED OF EXISTING MATERIALS AND RECONSTRUCTED TO MEET THE REQUIREMENTS OF THE EXISTENCE DRAWINGS AND EXISTENCE SCHEDULES. THE EXISTENCE REQUIREMENTS SHALL BE MAINTAINED TO THE EXTENT POSSIBLE.
 - ALL NEW CONSTRUCTION SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE EXISTENCE DRAWINGS AND EXISTENCE SCHEDULES. THE EXISTENCE REQUIREMENTS SHALL BE MAINTAINED TO THE EXTENT POSSIBLE.
 - ALL NEW CONSTRUCTION SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE EXISTENCE DRAWINGS AND EXISTENCE SCHEDULES. THE EXISTENCE REQUIREMENTS SHALL BE MAINTAINED TO THE EXTENT POSSIBLE.



B ROOF FRAMING PLAN
 SCALE: 1/2"=1'-0"



A FOUNDATION PLAN
 SCALE: 1/2"=1'-0"



ISSUE	MARK	DATE	DESCRIPTION
		11/27/2016	DATE CD SUBMITTED
		06/17/2016	DATE CD APPROVED
		05/24/2016	DATE CD SUBMITTED
		05/17/2016	DATE CD APPROVED
		03/27/2016	DATE CD SUBMITTED
		03/24/2016	DATE CD APPROVED
		01/27/2016	DATE CD SUBMITTED
		01/27/2016	DATE CD APPROVED

SCALE PROJECT NO:	57/10/23
SCALE DRAWN BY:	TCE
CHECKED BY:	TCE
APPROVED BY:	TCE
SHEET TITLE:	STRUCTURAL TOWER REQUIREMENTS & REQUIREMENTS
SCALE:	AS NOTED
THIS DRAWING IS 30" X 42" AT FULL SIZE	
S-3.1	

TOWER & ANTENNA REQUIREMENTS

LEGEND

MARK	DESCRIPTION
N1	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
A	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
B	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
C	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
D	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
E	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
F	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
G	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
H	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
I	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
J	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
K	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
L	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
M	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
N	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
O	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
P	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
Q	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
R	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
S	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
T	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
U	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
V	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
W	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
X	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
Y	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.
Z	FOR INFORMATION ONLY TO BE EXAMINED, BEHOLDERS.

TOWER SPECIFICATION

1. THIS IS A TOWER FOR ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.

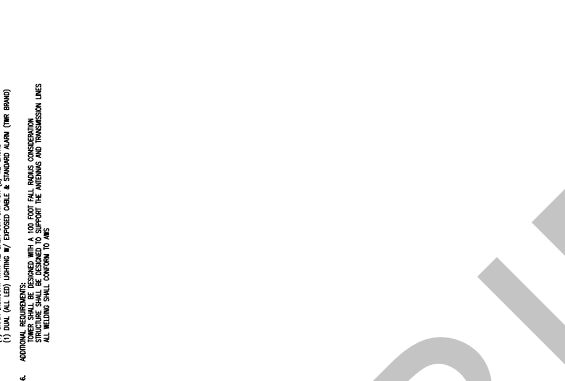
2. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.

3. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.

4. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.

5. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.

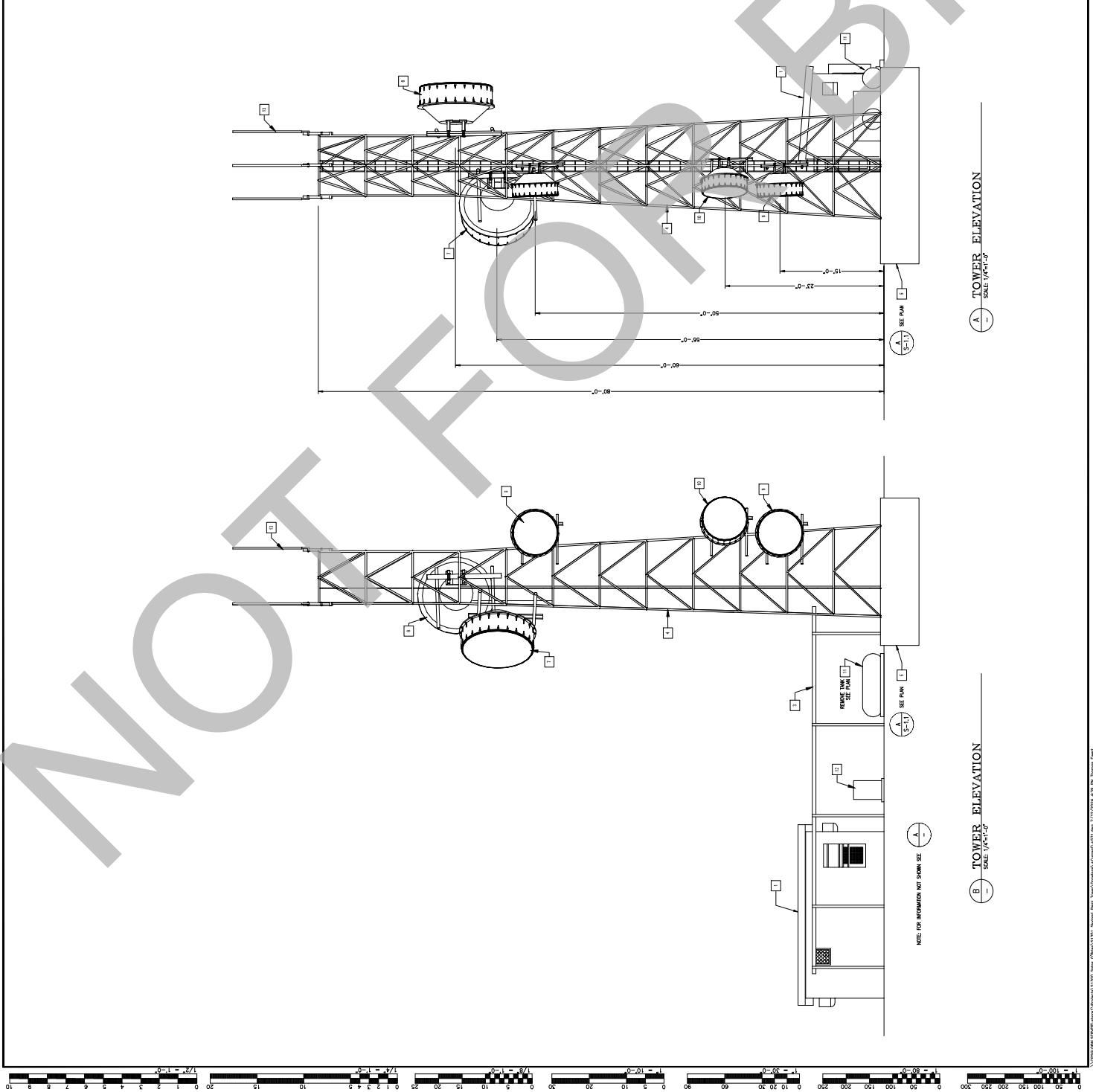
6. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA. THE TOWER SHALL BE DESIGNED TO SUPPORT THE ANTENNA.



TOWER ELEVATION
 SCALE: 1/4"=1'-0"

NOTE FOR INFORMATION NOT SHOWN SEE: _____

NOTE FOR INFORMATION NOT SHOWN SEE: _____





SALASOBRIEN
| expect a difference |
3700 South Susan Street, Ste 150
Santa Ana, California 92704
949.517.4900 | 408.297.2995 (f)
salasobrien.com

California | Oregon | Louisiana
Nevada | Texas | Washington
Licensed in 23 States



CPS
CONCRETE PUMP SYSTEMS
100 W. 10TH AVENUE, SUITE 100
DENVER, CO 80202
303.733.1234



CE Page No. 0281



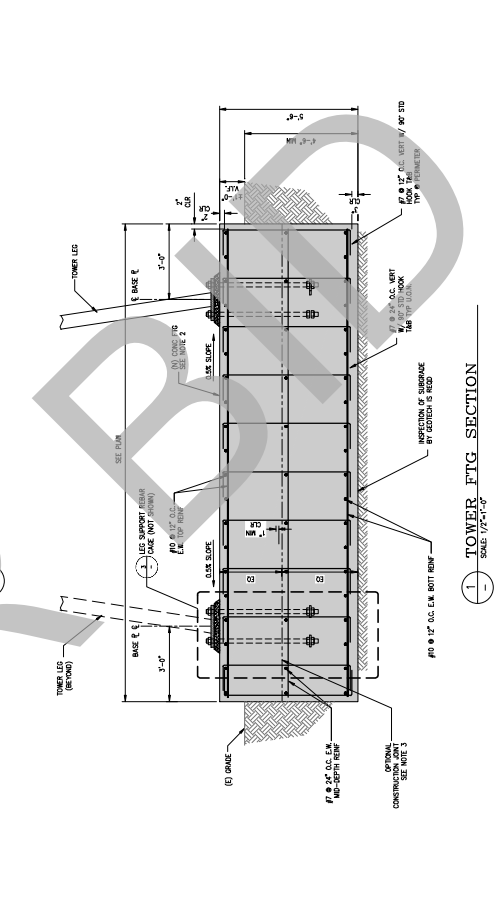
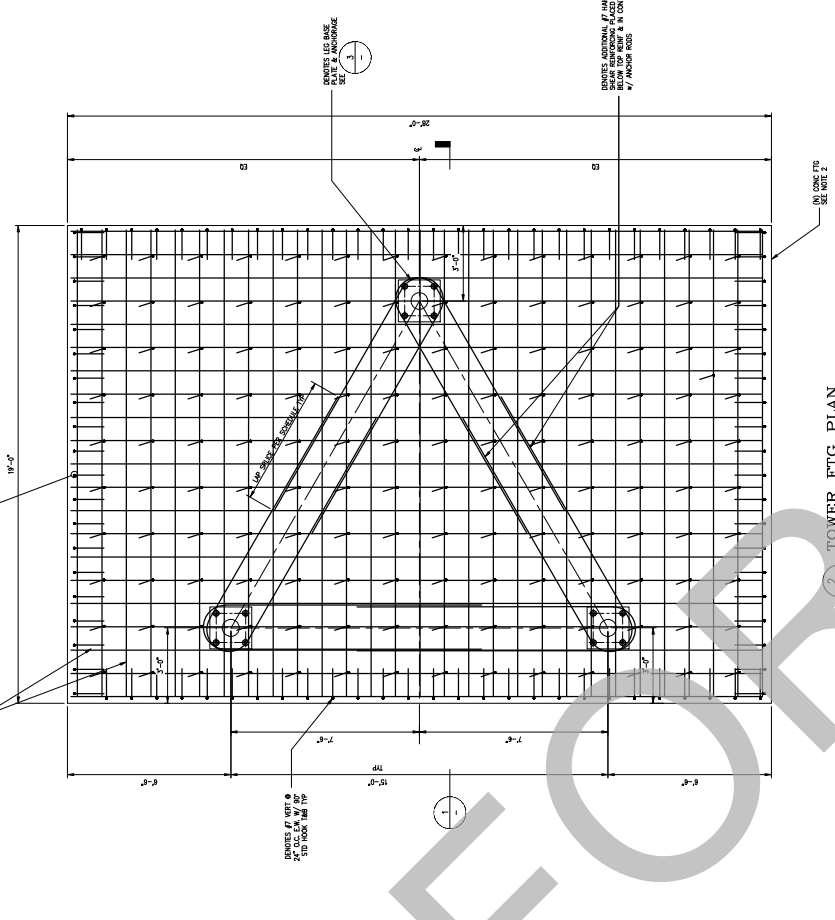
10.10.1237
800MHz UPGRADE
SKYLAND PEAK TOWER

MARK	DATE	DESCRIPTION
11/2/22	06/22	CD SUBMITTAL
11/2/22	06/22	CD SUBMITTAL
10/2/21	10/26	CD SET
10/2/21	10/26	CD SET
10/2/21	10/26	TEMP SHELTER REVISION

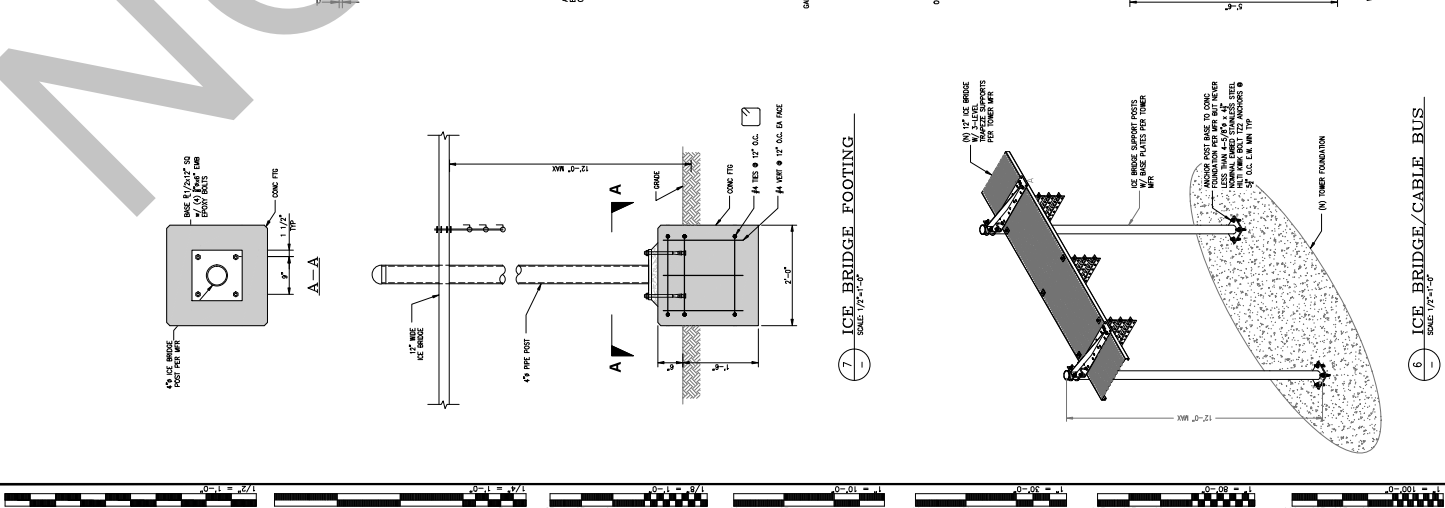
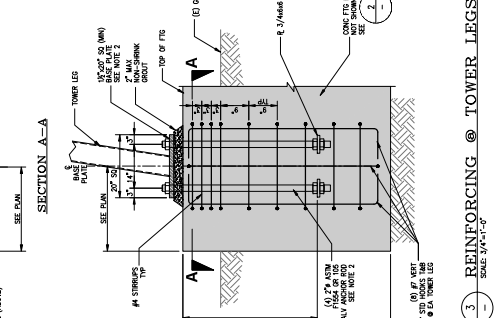
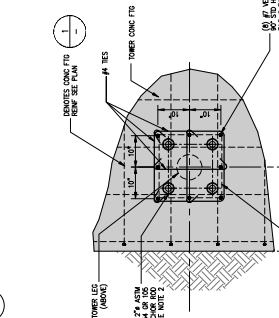
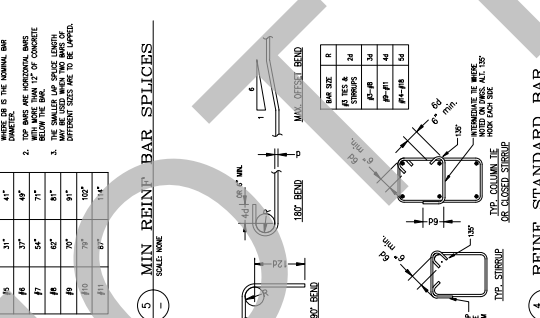
STRUCTURAL	
PROJECT NO.	07/10/23
DRAWN BY:	TJD
CHECKED BY:	TJD
APPROVED BY:	TJD
TITLE	DETAILS
SHEET TITLE	
DETAILS	
SCALE: AS NOTED	
THIS DRAWING IS 50% OF A SET OF FULL SIZE	

S-5.1

- NOTES**
- FOR GENERAL NOTES, SEE DRAWING S-5.1.
 - STRUCTURAL AND FOUNDATION DETAILS SHALL BE COVERED BY THE STRUCTURAL ENGINEER'S DESIGN REPORT AND FOUNDATION REPORT. THESE REPORTS SHALL BE REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER AND THE FOUNDATION ENGINEER. SOME MODIFICATIONS MAY BE NECESSARY. THE CONTRACTOR SHALL VERIFY LOCATION OF CONSTRUCTION JOINTS IF REQUIRED FOR REVIEW AND APPROVAL.
 - FOR 12" O.C. E.K. W/ 3" STD. HOOK 180° TOP PERIMETER.
 - FOR 12" O.C. E.K. W/ 3" STD. HOOK 180° TOP PERIMETER.



- NOTES**
- USE CLAS. 'W' SPICES (V_c = 2,500 PSI)
 - USE CLAS. 'W' SPICES FROM THE SCHEDULE
 - FOR 12" O.C. E.K. W/ 3" STD. HOOK 180° TOP PERIMETER.
 - FOR 12" O.C. E.K. W/ 3" STD. HOOK 180° TOP PERIMETER.





SALAS O'BRIEN
| expect a difference |
3700 South Swan Street, Ste 150
Santa Ana, California 92704
949.517.4900 | 408.297.2995 (f)
salasobrien.com

California | Oregon | Louisiana
Minnesota | Texas | Washington
Licensed in 20 STATES



CONCRETE PAVING SPECIALISTS
100 YEARS OF SERVICE



05 Page No. 028



10.10.1237
800MHz UPGRADE
SKYLAND PEAK TOWER

MARK	DATE	DESCRIPTION
11/27/21	02	CD SUBMITTAL
10/27/21	02	CD SUBMITTAL
10/27/21	02	CD SUBMITTAL
10/27/21	02	CD SET
10/27/21	02	TEMP SHEETER REVISION

ISSUE	DATE	DESCRIPTION
11/27/21	02	CD SUBMITTAL
10/27/21	02	CD SUBMITTAL
10/27/21	02	CD SUBMITTAL
10/27/21	02	CD SET
10/27/21	02	TEMP SHEETER REVISION

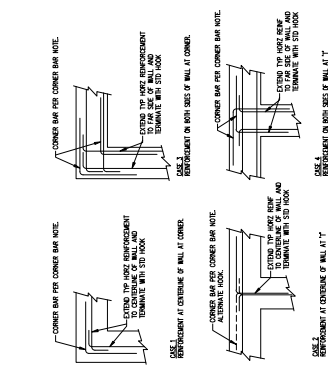
PROJECT NO:	07/19/23
DRAWN BY:	TCE
CHECKED BY:	TCE
APPROVED BY:	TCE
SHEET TITLE:	STRUCTURAL DETAILS

SCALE: AS NOTED
THIS DRAWING IS 50% OF FULL SIZE

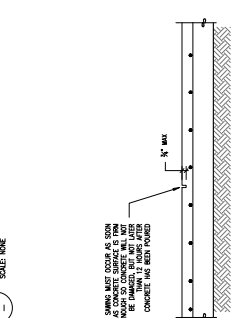
S-5.2

NOTES

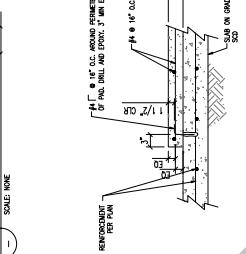
- FOR GENERAL NOTES, SEE DRAWING S-4.1.
1. CORNER BAR PER CORNER BAR NOTE.
2. CORNER BAR PER CORNER BAR NOTE.
3. CORNER BAR PER CORNER BAR NOTE.
4. CORNER BAR PER CORNER BAR NOTE.
5. CORNER BAR PER CORNER BAR NOTE.
6. CORNER BAR PER CORNER BAR NOTE.
7. CORNER BAR PER CORNER BAR NOTE.
8. CORNER BAR PER CORNER BAR NOTE.
9. CORNER BAR PER CORNER BAR NOTE.
10. CORNER BAR PER CORNER BAR NOTE.
11. CORNER BAR PER CORNER BAR NOTE.
12. CORNER BAR PER CORNER BAR NOTE.
13. CORNER BAR PER CORNER BAR NOTE.
14. CORNER BAR PER CORNER BAR NOTE.
15. CORNER BAR PER CORNER BAR NOTE.
16. CORNER BAR PER CORNER BAR NOTE.
17. CORNER BAR PER CORNER BAR NOTE.
18. CORNER BAR PER CORNER BAR NOTE.
19. CORNER BAR PER CORNER BAR NOTE.
20. CORNER BAR PER CORNER BAR NOTE.



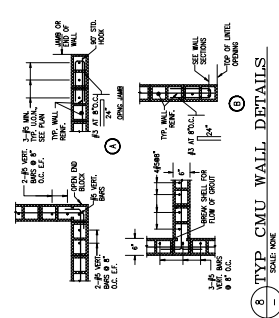
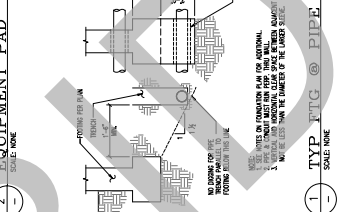
1. TYP. FOOTING INTERSECTION



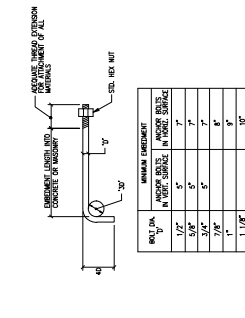
2. CONTROL JOINT (CJ)



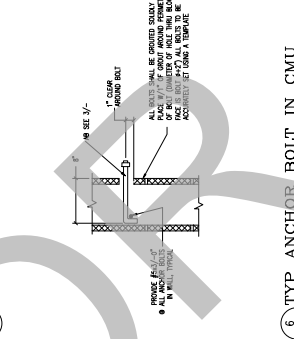
3. EQUIPMENT PAD



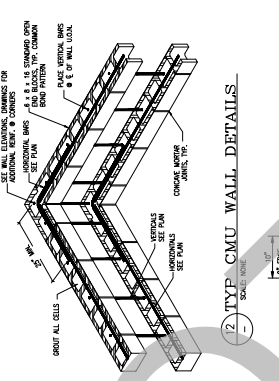
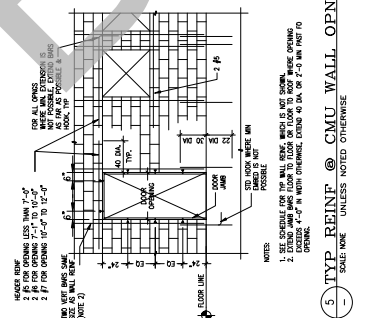
4. TYP. CMU WALL DETAILS



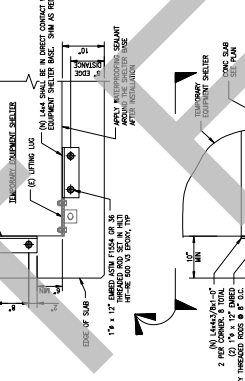
5. ANCHOR BOLT IN CMU SCHED



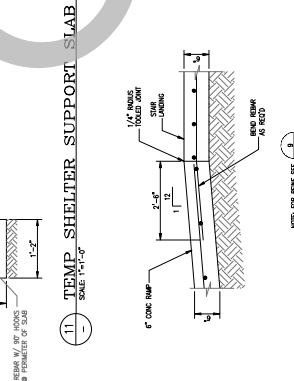
6. TYP. ANCHOR BOLT IN CMU



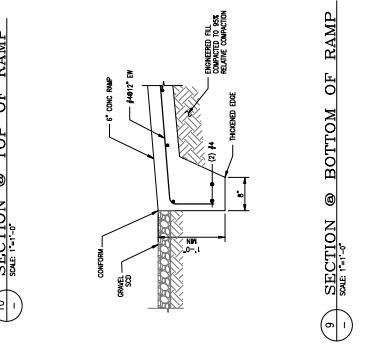
7. TYP. CMU WALL DETAILS



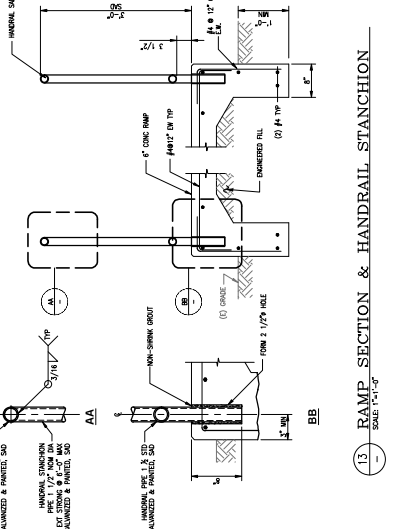
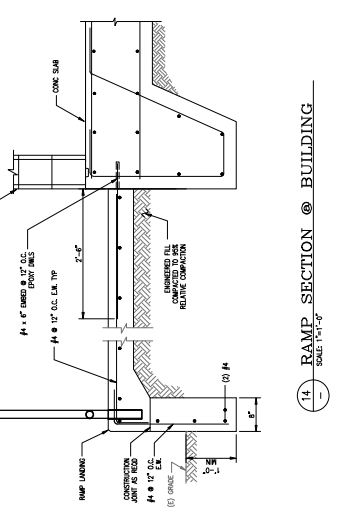
8. ANCHOR BOLT IN CMU SCHED



9. TYP. ANCHOR BOLT IN CMU



10. RAMP SECTION @ BUILDING



MARK	DATE	DESCRIPTION
1/1/2025	DATE OF SUBMITTAL	
10/10/2025	DATE OF SUBMITTAL	
10/10/2025	DATE OF SET	
10/10/2025	TEMP. SHELTER REVISION	

PROJECT NO.	07/10/23
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
SHEET TITLE	STRUCTURAL DETAILS

SCALE: AS NOTED
 THIS DRAWING IS 30" X 42" AT FULL SIZE

S-5.3

NOTES

1. FOR GENERAL NOTES, SEE DRAWING S-4.1

THIS IS COVERED BY THE OPENING

TYPICAL SECTION THROUGH DECK TO BE OPENED

1/4" x 1/2" x 1/2"

WELDS OF STEEL BEAMING

BEAM BELOW

1 1/4" x 1/4" x 1/4"

WELDS OF STEEL BEAMING

BEAM BELOW

NOTE:
 1. FOR WELDS CUTTING ON WELDS, WELDS SHALL BE CUT ON WELDS.
 2. ANCHOR WELDS FOR WELDS.

IF ANCHOR WELDS ARE USED, THEN THERE IS NO RESTRICTION ON ANCHOR WELDS.
 IF ANCHOR WELDS ARE USED, THEN THERE IS NO RESTRICTION ON ANCHOR WELDS.
 IF ANCHOR WELDS ARE USED, THEN THERE IS NO RESTRICTION ON ANCHOR WELDS.
 IF ANCHOR WELDS ARE USED, THEN THERE IS NO RESTRICTION ON ANCHOR WELDS.

3 DECK SMALL HOLES
 SCALE: 1/4"=1'-0"

6 ROOF DECK
 SCALE: 1/4"=1'-0"

7 WEST WALL ELEVATION
 SCALE: 1/4"=1'-0"

8 WEST WALL ELEVATION
 SCALE: 1/4"=1'-0"

9 GENERATOR FOUNDATION
 SCALE: 1/4"=1'-0"

10 AC UNIT SUPPORT
 SCALE: 1/4"=1'-0"

11 MTL DECK SUPPORT SECTION
 SCALE: 1/4"=1'-0"

12 WX SUPPORT SECTION
 SCALE: 1/4"=1'-0"

13 CMU WALL SECTION
 SCALE: 1/4"=1'-0"

14 ROOF @ CORNER SUPPORT
 SCALE: 1/4"=1'-0"

