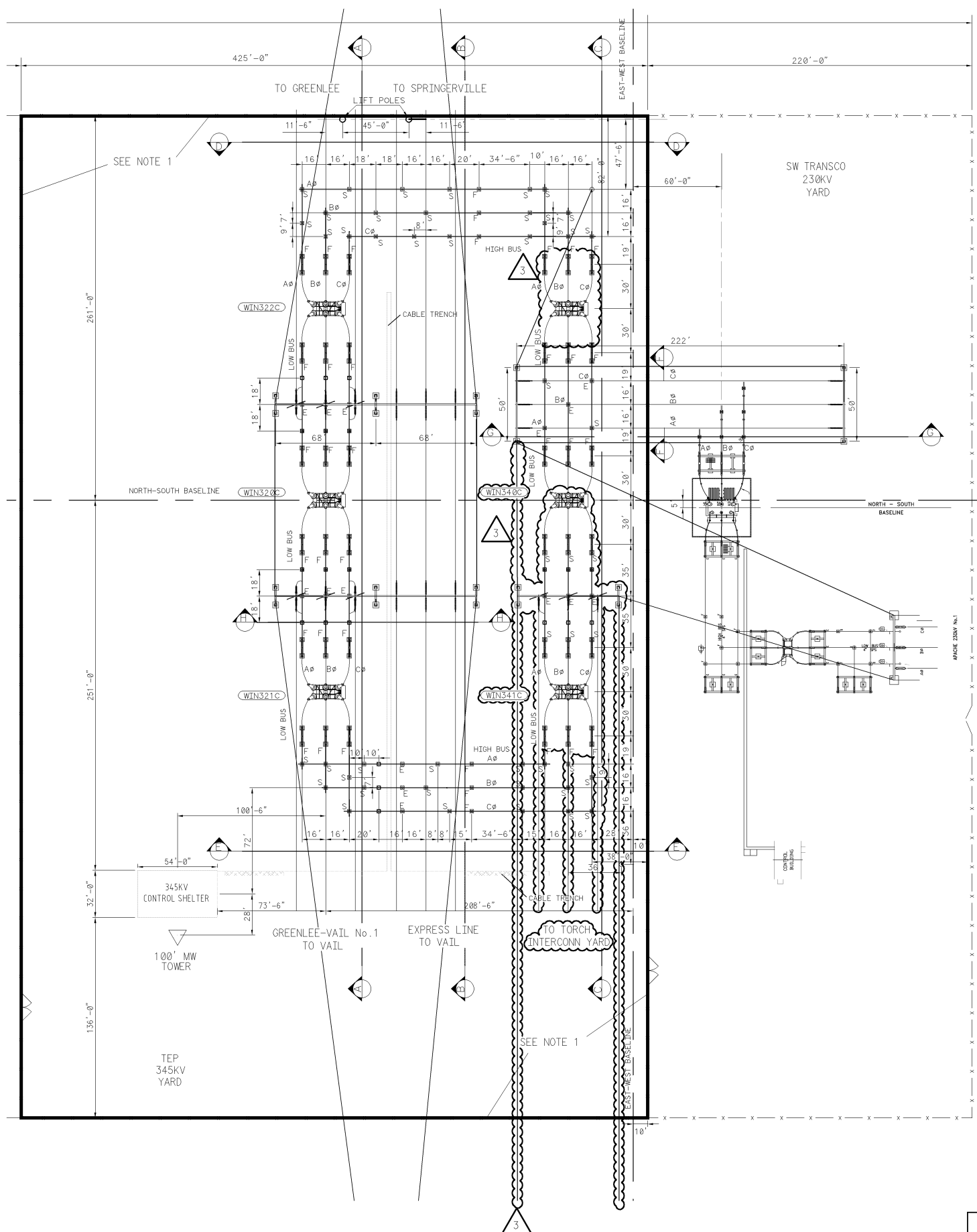
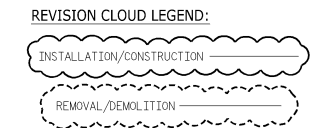




**REVISIONS**

|   |            |                         |
|---|------------|-------------------------|
| 0-  | 08/28/03   | ISSUED FOR BID          |
| 1-  | 10/27/03   | ISSUED FOR CONSTRUCTION |
| AS BUILT PER 3392.10/ EC60440 L.ROBINSON/ S.SMITH 6-13-07 |            |                         |
| DATE  | ENG        | TECH                    |
| 5/23/2014   | J. HODURFT | M. RODRIGUEZ            |
| DESCRIPTION:  |            |                         |
| ISSUED FOR SCOPE DOCUMENT                                 |            |                         |
| TORCH RENEWABLE ADDITION                                  |            |                         |
| JOB #7038.30, TGRN128                                     |            |                         |



- NOTES**
- 4" AGGREGATE BASE TO EXTEND 3'-0" OUTSIDE FENCELINE ON THE NORTH, EAST & WEST SIDE FENCE, AND TO EXTEND TO THE FENCELINE ONLY TO THE SOUTH.

**BUS SUPPORT CODE**  
 S-SLIP  
 F-FIXED  
 E-EXPANSION

- REFERENCE DRAWINGS**
- 03-01-0261 ULTIMATE 230/345/500KV ARRANGEMENT
  - 03-01-0262 345KV YARD SECTION A-A (DETAIL "A")
  - 03-01-0263 345KV YARD SECTION B-B
  - 03-01-0264 345KV YARD SECTION C-C
  - 03-01-0265 345KV YARD SECTION D-D & E-E
  - 03-01-0266 345KV YARD SECTION F-F, G-G, H-H
  - 03-01-0267 345KV YARD GROUNDING PLAN
  - 03-01-0268 345KV YARD GROUNDING PLAN AREA A
  - 03-01-0269 345KV YARD GROUNDING PLAN AREA B
  - 03-01-0270 345KV YARD GROUNDING PLAN AREA C
  - 03-01-0271 345KV YARD GROUNDING PLAN AREA D
  - 03-01-0272 345KV YARD GROUNDING PLAN AREA E
  - 03-01-0273 345KV YARD GROUNDING PLAN AREA F
  - 03-01-0274 GROUNDING DETAILS
  - 03-01-0276 345KV YARD CONDUIT PLAN
  - 03-01-0277 345KV YARD CONDUIT PLAN
  - 03-01-0278 345KV YARD CONDUIT PLAN
  - 03-01-0279 CONDUIT DETAILS
  - 03-01-0299 BILL OF MATERIAL

BEING REVISED / UNDER CONSTRUCTION  
 R.E. L. LICON JOB # 7038.30  
 TECH./DFTR. M. RODRIGUEZ/POWER REV. # 3  
 CHECK WITH R.E. BEFORE PRINTING OR REVISING

**ISSUED FOR CONSTRUCTION**  
 1/3/04

**FIGURE 2: SITE PLAN PROPOSED CONDITION**

**AutoCad**

|                     |               |
|---------------------|---------------|
| SCALE 1"=40'-0"     | DATE 10/27/03 |
| TECH. S. CHASE      | DATE 10/27/03 |
| DFTR. S. CHASE      | DATE 10/27/03 |
| CHDR. P. REAVIS     | DATE 10/27/03 |
| ENG. APP. R. FARRAR | DATE 10/27/03 |

**Tucson Electric Power Company**  
 TUCSON, ARIZONA  
**TITILE: INITIAL 345KV GENERAL ARRANGEMENT**  
 Winchester Substation

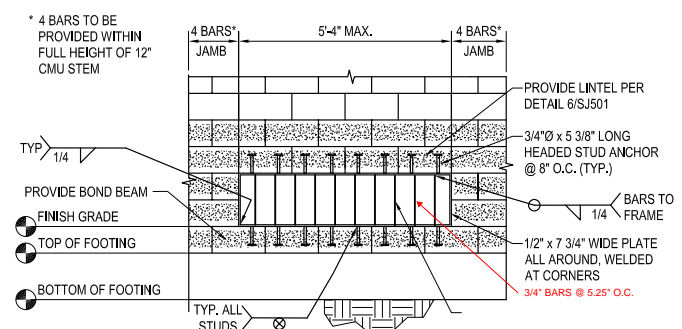
**TRSQ**

|            |      |      |
|------------|------|------|
| 03-01-0260 |      |      |
| REV        | CODE | TYPE |
| 3          | 3251 | EEL  |
| SHEET      |      |      |

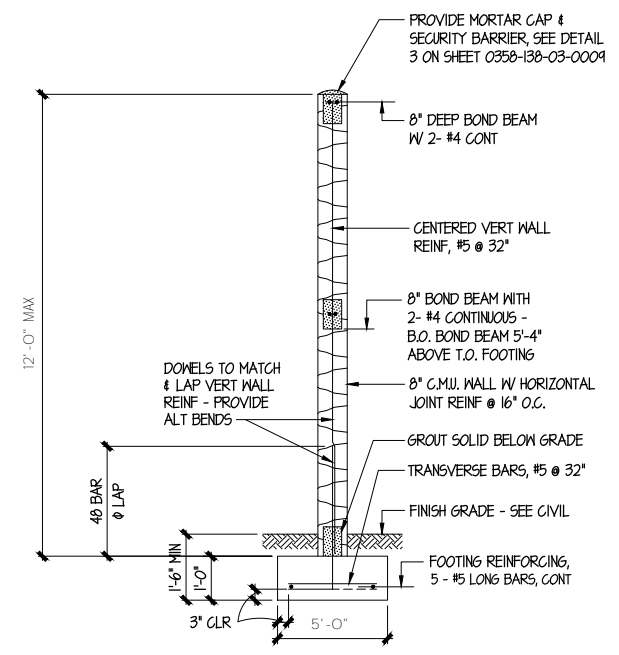
REVISIONS

| DATE   | ENG        | TECH       | REV |
|--------|------------|------------|-----|
| 7/2020 | T. JOHNSON | T. RAMIREZ | 00  |

DESCRIPTION:  
ISSUED FOR CONSTRUCTION  
JOB: 10017.00/0358-138-03-0004  
HARRISON SUBSTATION



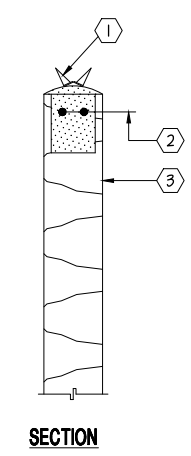
**SECURITY BARS AT DRAINAGE OPENING - TYPE I**  
SCALE: NTS



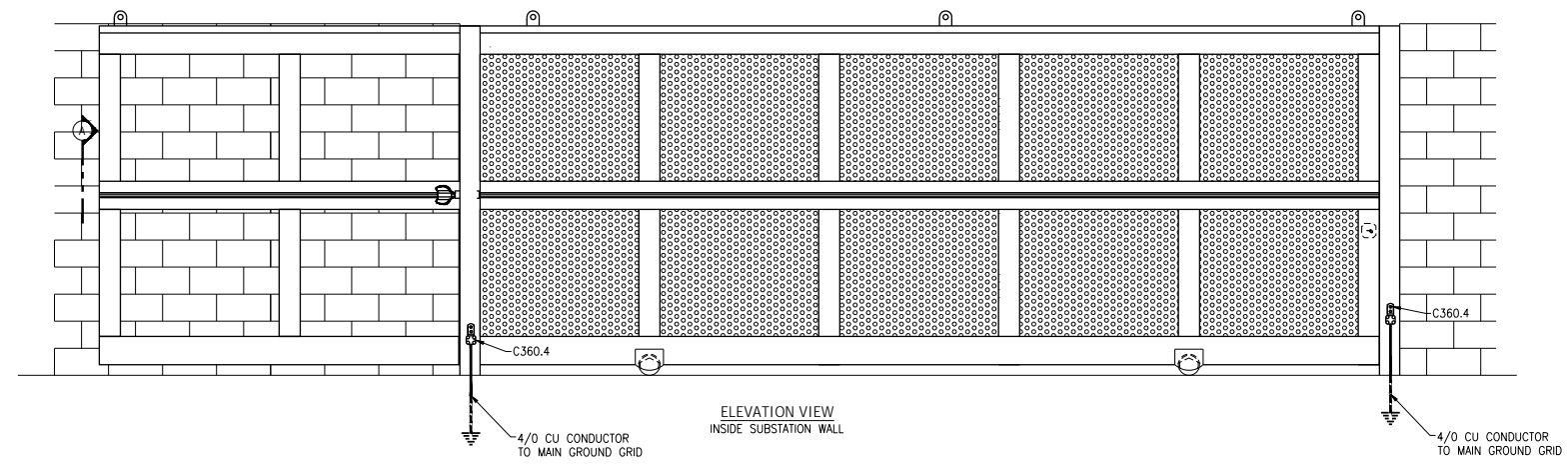
**C.M.U. SCREEN WALL - SINGLE CURTAIN**  
SCALE 1/2" = 1'-0"

**KEYNOTES**

- ① STAINLESS STEEL CONTINUOUS 3D SECURITY BARRIER, ULTRA BARRIER OR APPROVED EQUAL. REFER TO NOTES FOR SPECIFICATIONS.
- ② 8" MIN DEEP BOND BEAM, SEE SITE WALL SECTION.
- ③ NEW C.M.U. SCREEN WALL.



**ULTRA BARRIER SECURITY CAP**  
NO SCALE



**G14 MANUAL ROLLING GATE GROUNDING DETAIL**  
SCALE: NTS

**WALL AND GATE SAMPLE**

AUTOCADD

Tucson Electric Power Company  
TUCSON, ARIZONA



WALL ELEVATIONS  
CMU SCREEN WALL SECTION DETAILS  
SUBSTATION

|       |                  |
|-------|------------------|
| TRSO  | T10S,R10E,S23    |
| REF # |                  |
| DWG # | 0358-138-47-0003 |
| REV   | 00               |
| SHEET | S04              |