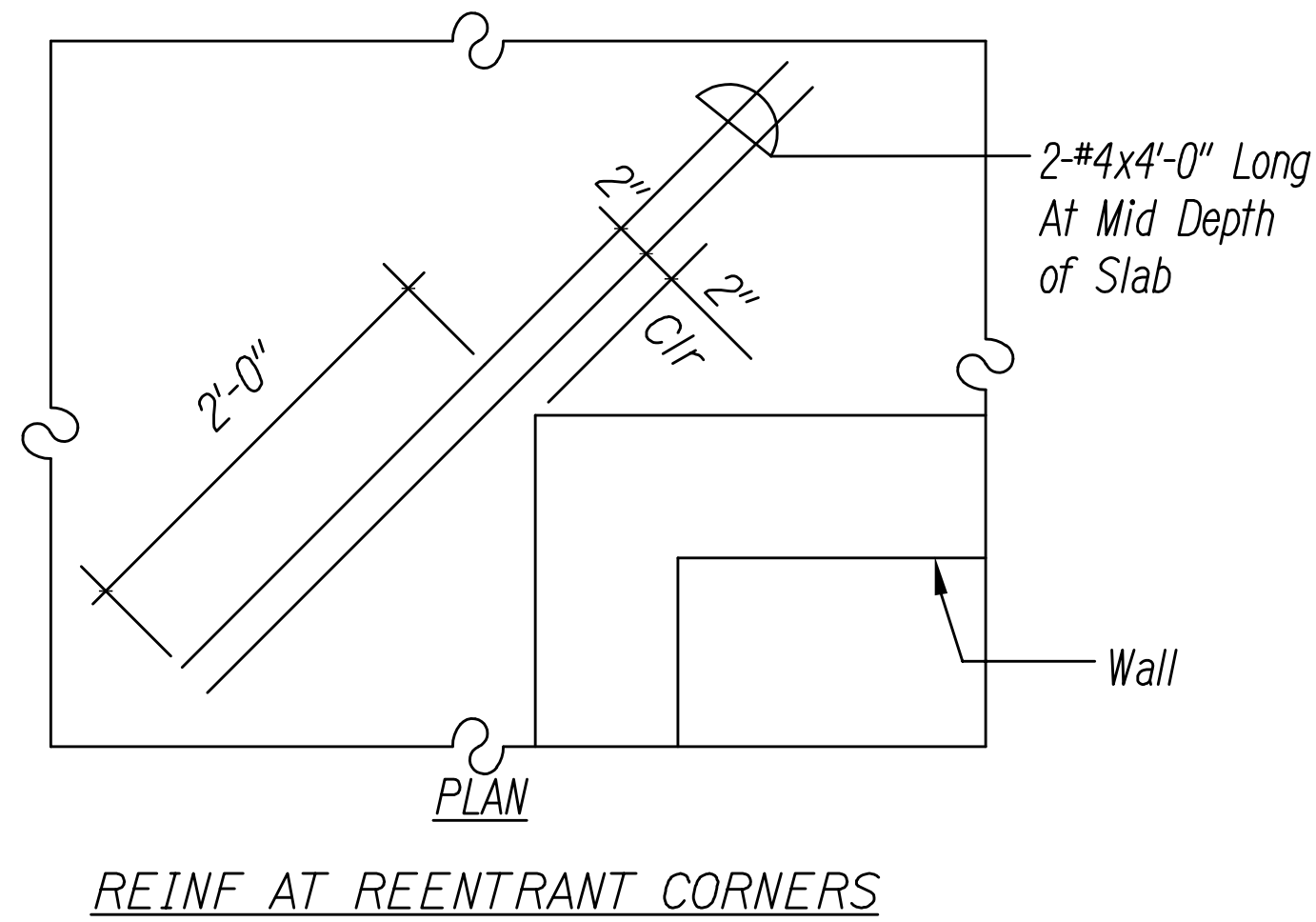
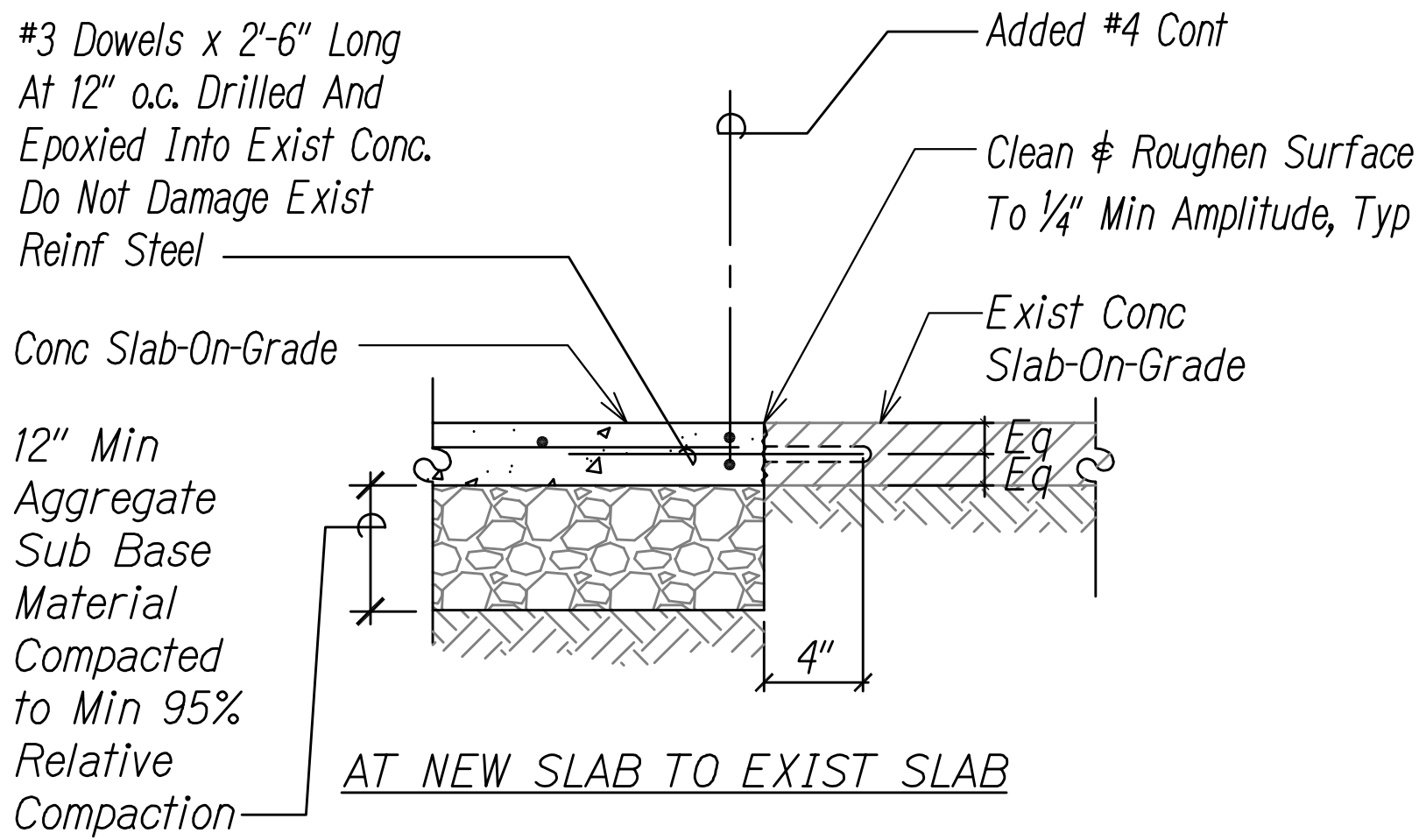
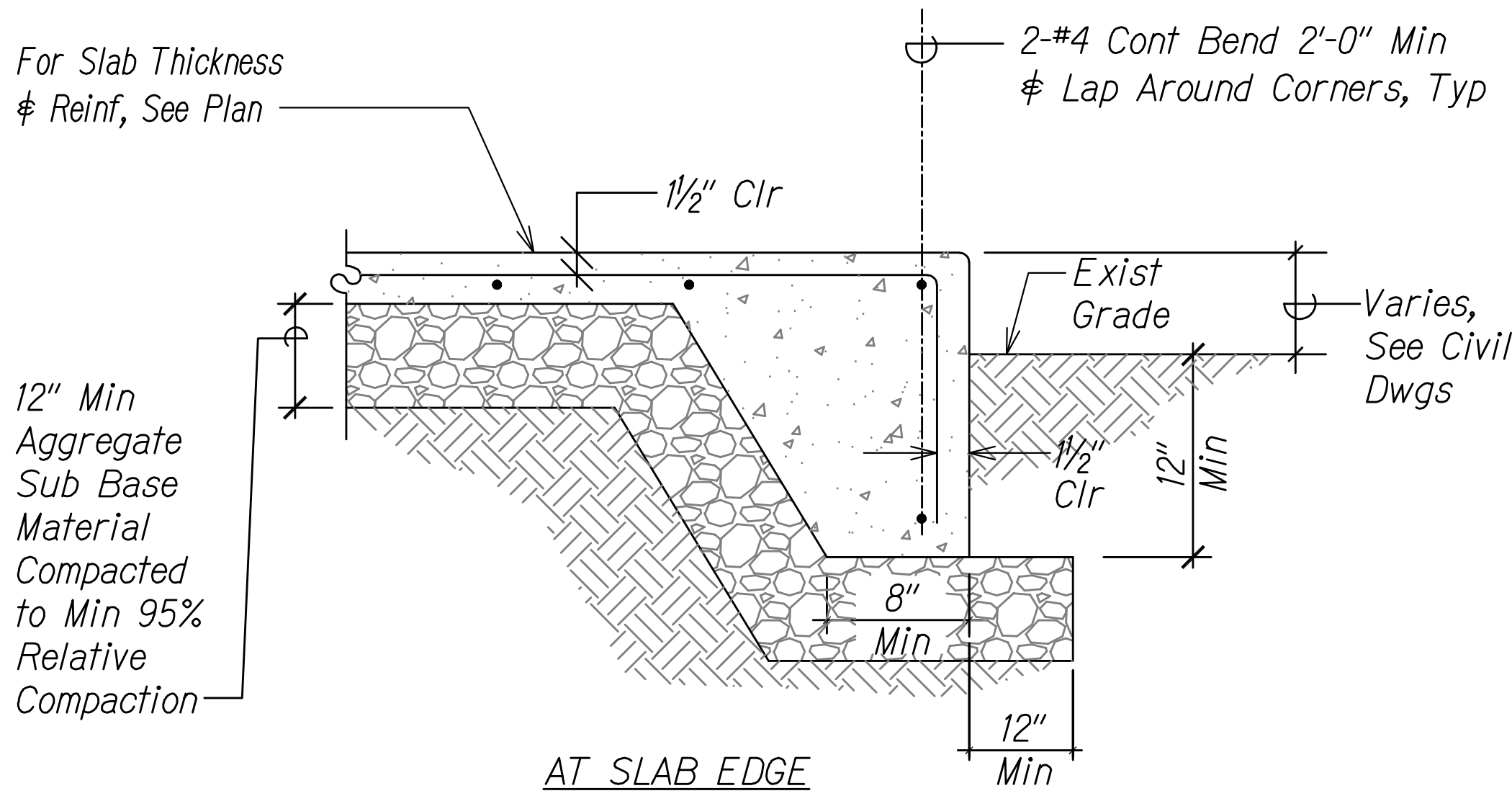


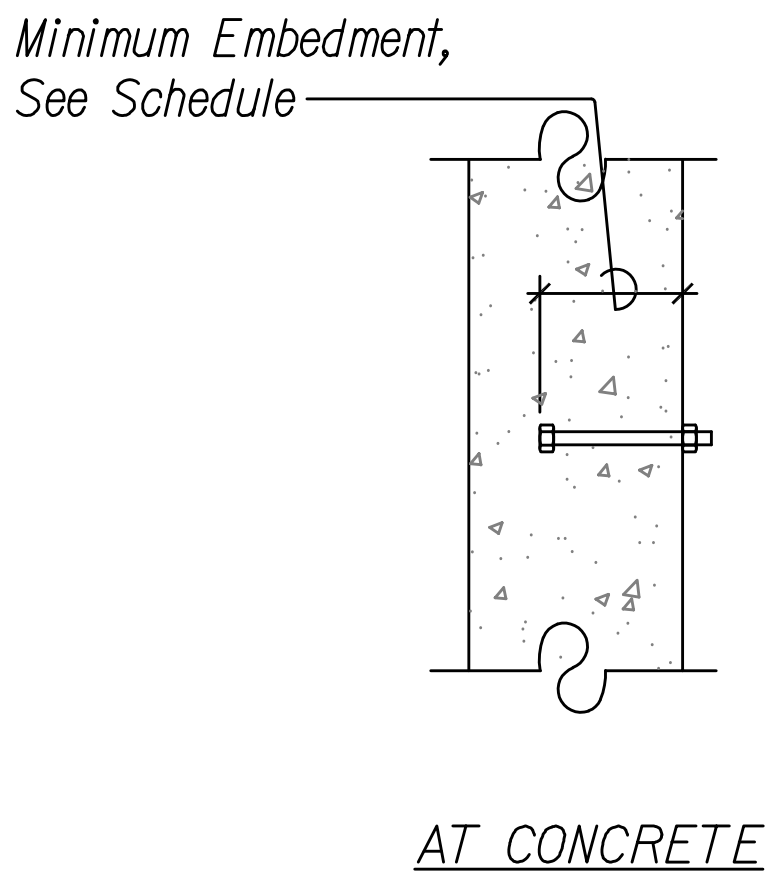
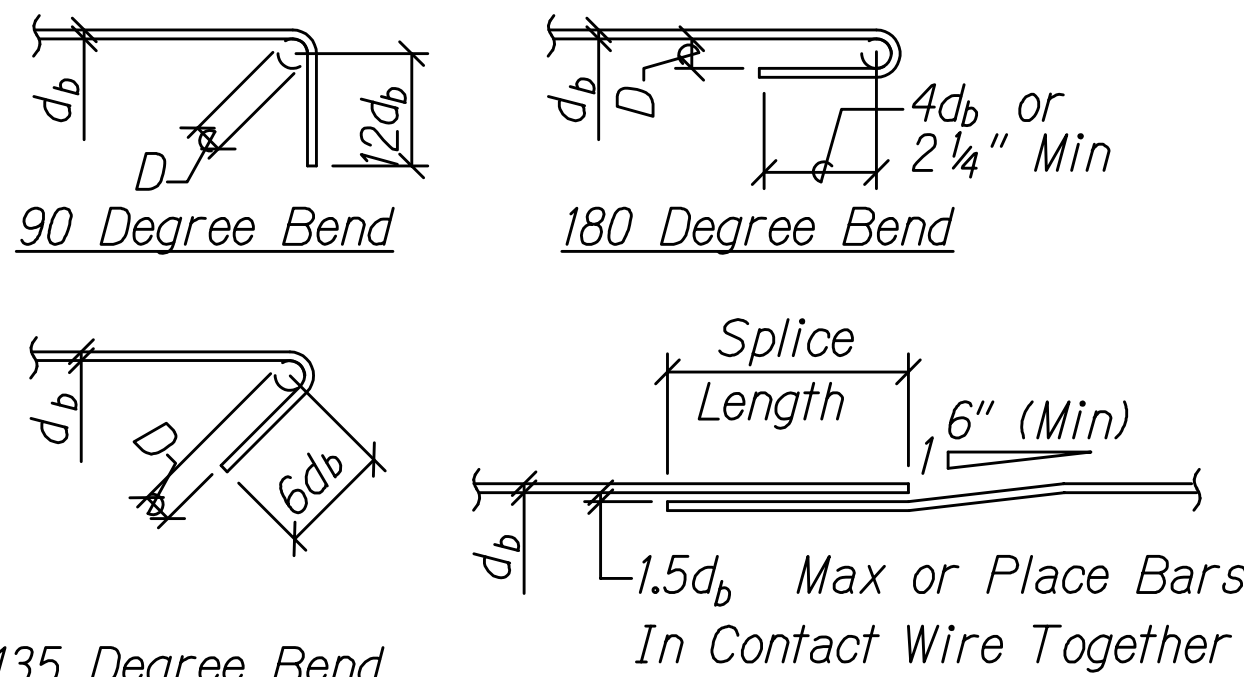
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|----------------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-M-03-21, Phase 2 | 2022 | 17 | 46 |



TYPICAL SLAB-ON-GRADE DETAILS
NOT TO SCALE

1
S501/S501

| Bar Size | Minimum Splice & Embedment Lengths For Concrete | | | | |
|----------|---|---------|------------------------------|---------|-------------|
| | Lap Splice | | Embedment | | |
| | Bot Bar Or Wall Bar | Top Bar | Straight Bot Bar Or Wall Bar | Top Bar | w/ Std Hook |
| #3, #4 | 29" | 38" | 22" | 29" | 11" |
| #5 | 36" | 47" | 28" | 36" | 14" |
| #6 | 43" | 56" | 33" | 43" | 17" |
| #7 | 63" | 82" | 48" | 63" | 20" |



| Bolt Diameter | Minimum Embedment |
|---------------|-------------------|
| 1/2" | 4" |
| 5/8" | 5" |
| 3/4" | 6" |

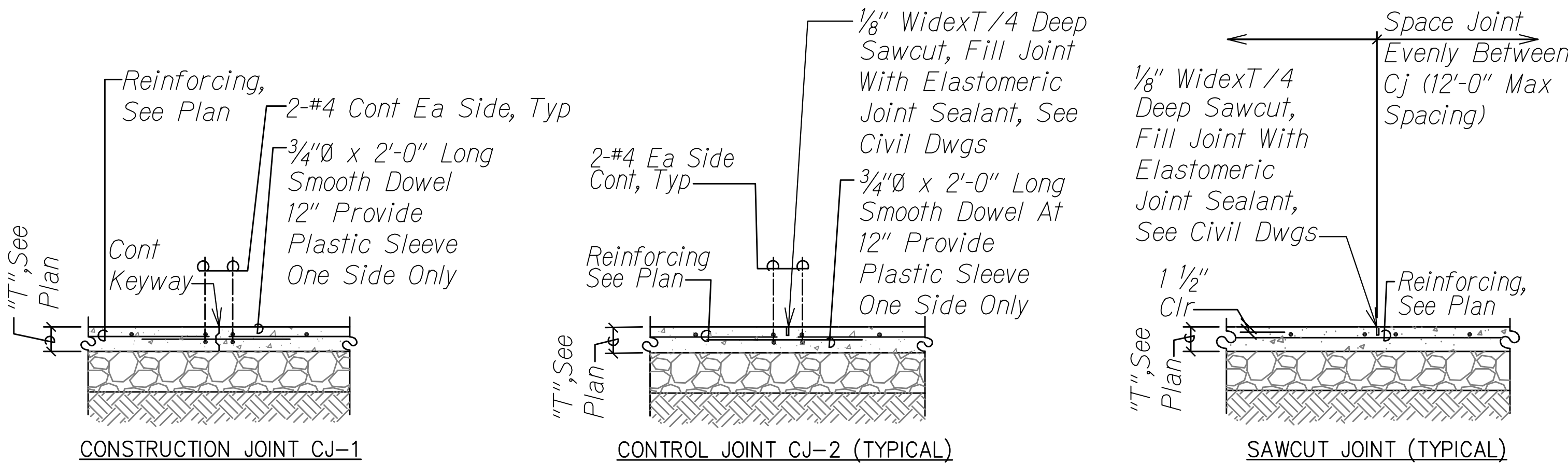
- Lengths Are For Concrete Beams & Columns With Rebar Spaced 1 Bar Diameter Min O.C. And Concrete Walls with Rebars Spaced 2 Bar Diameters Min O.C. Increase Bar Length 50% For Bars Spaced Closer Than Minimums Specified.
- "Top Bars" Are Horizontal Bars With 12" Or More Of Concrete Cast Below.

TYPICAL REBAR SPLICE & EMBEDMENT SCHEDULE
NOT TO SCALE

2
S501/S501

TYPICAL ANCHOR BOLT DETAIL
NOT TO SCALE

3
S501/S501



TYPICAL SLAB JOINT DETAILS
NOT TO SCALE

4
S501/S501

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS

MAUI DISTRICT BASEYARD OFFICE EXPANSION & RENOVATION, PART 2
Project No. HWY-M-03-21, Phase 2
Scale: Not to Scale Date: July 2022

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Expiration date of License: 4/30/24

SHEET No. S501 OF 6 SHEETS