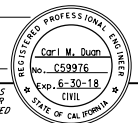


| | | | | | |
|------|--------|-------|-----------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| | | | | | |



 REGISTERED CIVIL ENGINEER
 July 15, 2016
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR
 THE ACCURACY OR COMPLETENESS OF SCANNED
 COPIES OF THIS PLAN SHEET.

TO ACCOMPANY PLANS DATED _____

TABLE A - CONCRETE QUANTITIES

| TYPE | H=3'-0" TO 8'-0" | | H=8'-1" TO 20'-0" | |
|---------------|------------------|-----------------------------------|-------------------|-----------------------------------|
| | H=3'-0" (CY) | ADDITIONAL CONCRETE PER FOOT (CY) | H=8'-1" (CY) | ADDITIONAL CONCRETE PER FOOT (CY) |
| G1 | 0.95 | 0.220 | SEE NOTE 2 | SEE NOTE 2 |
| G2* | 1.25 | 0.255 | 2.55 | 0.255 |
| G3 | 1.06 | 0.220 | SEE NOTE 2 | SEE NOTE 2 |
| G4 (TYPE 18)* | 1.41 | 0.255 | 2.71 | 0.255 |
| G4 (TYPE 24)* | 1.36 | 0.255 | 2.65 | 0.255 |
| G5 | 1.09 | 0.220 | SEE NOTE 2 | SEE NOTE 2 |
| G6 | 1.14 | 0.220 | SEE NOTE 2 | SEE NOTE 2 |
| OS | 1.28 | 0.278 | 2.69 | 0.278 |
| OL7 | 1.92 | 0.278 | 3.33 | 0.278 |
| OL10 | 2.43 | 0.278 | 3.84 | 0.278 |
| OL14 | 3.16 | 0.278 | 4.57 | 0.278 |
| OL21 | 4.58 | 0.278 | 5.99 | 0.278 |
| GOL7 | 2.36 | 0.313 | 4.04 | 0.434 |
| GOL10 | 2.84 | 0.313 | 4.53 | 0.434 |
| GT1 | 2.30 | 0.480 | SEE NOTE 2 | SEE NOTE 2 |
| GT2 | 2.71 | 0.530 | 5.40 | 0.530 |
| GT3 | 2.29 | 0.480 | SEE NOTE 2 | SEE NOTE 2 |
| GT4 | 2.69 | 0.530 | 5.39 | 0.530 |
| GO | 1.25 | 0.245 | 2.37 | 0.245 |
| GDO | 1.64 | 0.322 | 3.37 | 0.446 |

* Quantities are based on the minimum interior dimensions.

TABLE B - REINFORCEMENT QUANTITIES

| TYPE | H=3'-0" TO 8'-0" | | H=8'-1" TO 20'-0" | |
|---------------|------------------|--|-------------------|--|
| | H=3'-0" (LB) | ADDITIONAL REINFORCEMENT PER FOOT (LB) | H=8'-1" (LB) | ADDITIONAL REINFORCEMENT PER FOOT (LB) |
| G1 | 88.5 | 21.90 | SEE NOTE 2 | SEE NOTE 2 |
| G2* | 151.5 | 24.54 | 277.4 | 38.64 |
| G3 | 92.9 | 21.90 | SEE NOTE 2 | SEE NOTE 2 |
| G4 (TYPE 18)* | 134.4 | 24.54 | 260.3 | 38.64 |
| G4 (TYPE 24)* | 125.1 | 24.54 | 251.0 | 38.64 |
| G5 | 92.5 | 21.90 | SEE NOTE 2 | SEE NOTE 2 |
| G6 | 92.5 | 21.90 | SEE NOTE 2 | SEE NOTE 2 |
| OS | 145.8 | 35.57 | 327.8 | 49.60 |
| OL7 | 328.0 | 35.57 | 510.0 | 49.60 |
| OL10 | 467.5 | 35.57 | 649.5 | 49.60 |
| OL14 | 667.5 | 35.57 | 849.5 | 49.60 |
| OL21 | 1056.1 | 35.57 | 1238.1 | 49.60 |
| GOL7 | 474.7 | 45.17 | 706.8 | 74.02 |
| GOL10 | 604.9 | 45.17 | 836.9 | 74.02 |
| GT1 | 349.0 | 80.48 | SEE NOTE 2 | SEE NOTE 2 |
| GT2 | 403.7 | 86.82 | 849.1 | 135.15 |
| GT3 | 347.0 | 80.48 | SEE NOTE 2 | SEE NOTE 2 |
| GT4 | 403.7 | 86.82 | 849.1 | 135.15 |
| GO | 99.8 | 23.75 | 221.7 | 37.46 |
| GDO | 208.8 | 46.22 | 446.2 | 75.61 |

* Quantities are based on the minimum interior dimensions.

TABLE D

| INLET | CURB USED IN QUANTITIES |
|--------------|-------------------------|
| G1 | - |
| G2 | - |
| G3 | A1-6 |
| G4 (Type 18) | A1-6 |
| G4 (Type 24) | A1-6 |
| G5 | B1-4 |
| G6 | 1/2E |
| OS | - |
| OL7 | - |
| OL10 | - |
| OL14 | - |
| OL21 | - |
| GOL7 | - |
| GOL10 | - |
| GT1 | D-6 |
| GT2 | E |
| GT3 | A2-8 |
| GT4 | A2-8 |
| GO | - |
| GDO | - |

TABLE C - WALL REINFORCEMENT

| TYPE | H ≤ 8'-0" (T=6", UON) | | | 8'-0" < H ≤ 20'-0" (T=8", UON) | | |
|---------------------------|-----------------------|----------|------|--------------------------------|----------|------|
| | HORIZONTAL | VERTICAL | *ADD | HORIZONTAL | VERTICAL | *ADD |
| OS | #406 | #308 | #308 | #404 (T=6") | #308 | #308 |
| OL | #406 | #308 | #308 | #404 (T=6") | #308 | #308 |
| GOL | #405 | #308 | #308 | #505 | #306 | #306 |
| G1 (H ≤ 6'-9") | #409 | #308 | #308 | - | - | - |
| G2 & G4 (α** ≤ 38") | #409 | #308 | #308 | #405 (T=6") | #308 | #308 |
| G2 & G4 (38" < α** ≤ 50") | #406 | #308 | #308 | #404 (T=6") | #308 | #308 |
| G2 & G4 (50" < α** ≤ 64") | #405 | #308 | #308 | #505 | #306 | #306 |
| G2 & G4 (64" < α** ≤ 76") | #507 (T=8") | #306 | #306 | #504 | #306 | #506 |
| G2 & G4 (76" < α** ≤ 90") | #505 (T=8") | #306 | #306 | #503 | #306 | #506 |
| G3 (H ≤ 6'-9") | #409 | #308 | #308 | - | - | - |
| G5 (H ≤ 6'-9") | #409 | #308 | #308 | - | - | - |
| G6 (H ≤ 6'-9") | #409 | #308 | #308 | - | - | - |
| GT1 (H ≤ 6'-9") | #505 (T=8") | #306 | #306 | - | - | - |
| GT2 | #505 (T=8") | #306 | #306 | #503 | #306 | #506 |
| GT3 (H ≤ 6'-9") | #505 (T=8") | #306 | #306 | - | - | - |
| GT4 | #505 (T=8") | #306 | #306 | #503 | #306 | #506 |
| GO | #409 | #308 | #308 | #405 (T=6") | #308 | #308 |
| GDO | #405 | #308 | #308 | #505 | #306 | #306 |

* See Detail A on Revised Standard Plan RSP D73F for additional vertical bars at the base.
** a = Larger interior span

TABLE E

| SOIL PRESSURE BELOW BASE SLAB (ksf) | | |
|-------------------------------------|-----------|--------------------|
| TYPE | H ≤ 8'-0" | 8'-0" < H ≤ 20'-0" |
| OS | 2.89 | 5.68 |
| OL* | 2.89 | 5.68 |
| GOL* | 2.36 | 4.93 |
| G1 (H ≤ 6'-9") | 3.51 | - |
| G2 & G4 (α** ≤ 38") | 2.96 | 5.79 |
| G2 & G4 (38" < α** ≤ 50") | 2.21 | 4.51 |
| G2 & G4 (50" < α** ≤ 64") | 3.19 | 4.89 |
| G2 & G4 (64" < α** ≤ 76") | 2.50 | 4.23 |
| G2 & G4 (76" < α** ≤ 90") | 2.04 | 3.56 |
| G3 (H ≤ 6'-9") | 3.51 | - |
| G5 (H ≤ 6'-9") | 3.51 | - |
| G6 (H ≤ 6'-9") | 3.51 | - |
| GT1 (H ≤ 6'-9") | 3.41 | - |
| GT2 | 3.60 | 6.42 |
| GT3 (H ≤ 6'-9") | 3.41 | - |
| GT4 | 3.60 | 6.42 |
| GO | 3.37 | 6.46 |
| GDO | 2.48 | 7.30 |

* Main Box
** a = Larger interior span

NOTES:

- No deduction or adjustment was made to the quantities of concrete and reinforcement for pipe openings, floor alternatives or curb type.
- Maximum allowable height is 6'-9".
- Quantities are approximate and for design purposes only.
- Design is based on envelope of level and sloped ground.

TABLE F

| BASE SLAB REINFORCEMENT (T=8", UON) | | |
|-------------------------------------|------------|--------------------|
| TYPE | H ≤ 8'-0" | 8'-0" < H ≤ 20'-0" |
| OS | #408 (EW) | #405 (EW) |
| OL* | #408 (EW) | #405 (EW) |
| GOL* | #406 (EW) | #404 (EW) |
| G1 (H ≤ 6'-9") | #4010 (EW) | - |
| G2 & G4 (α** ≤ 38") | #4010 (EW) | #406 (EW) |
| G2 & G4 (38" < α** ≤ 50") | #408 (EW) | #405 (EW) |
| G2 & G4 (50" < α** ≤ 64") | #406 (EW) | #404 (EW) |
| G2 & G4 (64" < α** ≤ 76") | #405 (EW) | #403 (EW) |
| G2 & G4 (76" < α** ≤ 90") | #404 (EW) | #503 (EW) |
| G3 (H ≤ 6'-9") | #4010 (EW) | - |
| G5 (H ≤ 6'-9") | #4010 (EW) | - |
| G6 (H ≤ 6'-9") | #4010 (EW) | - |
| GT1 (H ≤ 6'-9") | #404 (EW) | - |
| GT2 | #404 (EW) | #503 (EW) |
| GT3 (H ≤ 6'-9") | #404 (EW) | - |
| GT4 | #404 (EW) | #503 (EW) |
| GO | #4010 (EW) | #406 (EW) |
| GDO | #406 (EW) | #404 (EW) |

(EW) Each Way
* Main Box
** a = Larger interior span

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**PRECAST
DRAINAGE INLET TABLES**

NO SCALE

RSP D73G DATED JULY 15, 2016 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP D73G

2010 REVISED STANDARD PLAN RSP D73G