

\*SEE NOTES, SHEET 10

| WIDTH                 |                       | 10'-0" (3050)         | 12'-0" (3660)         | 14'-0" (4270) |
|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
| DIMENSIONS            | H                     | 7'-6" (2290)          | 9'-0" (2740)          | 10'-6" (3200) |
|                       | L                     | 13'-6" (4110)         | 16'-0" (4880)         | 18'-6" (5640) |
|                       | a                     | 5'-0" (1520)          | 6'-0" (1830)          | 7'-0" (2130)  |
|                       | b                     | 3'-9" (1140)          | 4'-6" (1370)          | 5'-3" (1600)  |
|                       | c                     | 5'-0" (1520)          | 6'-0" (1830)          | 7'-0" (2130)  |
|                       | d                     | 1'-8" (510)           | 2'-0" (610)           | 2'-4" (710)   |
|                       | e                     | 0'-10" (250)          | 1'-0" (300)           | 1'-2" (360)   |
|                       | f                     | 2'-0" (610)           | 2'-6" (760)           | 3'-0" (910)   |
|                       | g                     | 4'-0" (1220)          | 5'-0" (1520)          | 5'-6" (1680)  |
|                       | T1*                   | 9" (230)              | 9" (230)              | 10" (250)     |
| T2                    | 8" (200)              | 8" (200)              | 10" (250)             |               |
| T3                    | 8" (200)              | 10" (250)             | 12" (300)             |               |
| T4*                   | 8" (200)              | 8.5" (220)            | 8.5" (220)            |               |
| T5                    | 9" (230)              | 9" (230)              | 9" (230)              |               |
| T6                    | 9" (230)              | 9" (2300)             | 9" (230)              |               |
| WORKING STRESS DESIGN |                       |                       |                       |               |
| A-1                   | #6 @ 12" (#19M @ 300) | #9 @ 18" (#29M @ 460) | #8 @ 12" (#25M @ 300) |               |
| A-2                   | #7 @ 12" (#22M @ 300) | #9 @ 18" (#29M @ 460) | #8 @ 12" (#25M @ 300) |               |
| A-3                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 12" (#13M @ 300) |               |
| A-4                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| A-5                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 12" (#13M @ 300) |               |
| A-6                   | #7 @ 12" (#22M @ 300) | #8 @ 12" (#25M @ 300) | #9 @ 12" (#29M @ 300) |               |
| A-7                   | #5 @ 14" (#16M @ 360) | #5 @ 12" (#16M @ 300) | #5 @ 10" (#16M @ 250) |               |
| A-8                   | #5 @ 11" (#16M @ 275) | #7 @ 12" (#22M @ 300) | #8 @ 12" (#25M @ 300) |               |
| B-1                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| B-2                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| B-3                   | #6 @ 18" (#19M @ 460) | #5 @ 12" (#16M @ 300) | #6 @ 15" (#19M @ 380) |               |
| C-1                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| C-2                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| D-1                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| D-2                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| STRENGTH DESIGN       |                       |                       |                       |               |
| A-1                   | #5 @ 12" (#16M @ 300) | #6 @ 12" (#19M @ 300) | #8 @ 18" (#25M @ 460) |               |
| A-2                   | #6 @ 12" (#19M @ 300) | #6 @ 12" (#19M @ 300) | #8 @ 18" (#25M @ 460) |               |
| A-3                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| A-4                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| A-5                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| A-6                   | #6 @ 12" (#19M @ 300) | #7 @ 12" (#22M @ 300) | #8 @ 12" (#25M @ 300) |               |
| A-7                   | #5 @ 14" (#16M @ 360) | #5 @ 12" (#16M @ 300) | #5 @ 10" (#16M @ 250) |               |
| A-8                   | #4 @ 12" (#13M @ 300) | #5 @ 12" (#16M @ 300) | #6 @ 11" (#19M @ 275) |               |
| B-1                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| B-2                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| B-3                   | #6 @ 18" (#19M @ 460) | #5 @ 12" (#16M @ 300) | #6 @ 15" (#19M @ 380) |               |
| C-1                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| C-2                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| D-1                   | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) | #4 @ 12" (#13M @ 300) |               |
| D-2                   | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) | #4 @ 18" (#13M @ 460) |               |
| DESIGN LOAD, IMPACT   | 450 PSF (21.5 kPa)    | 525 PSF (25.1 kPa)    | 600 PSF (28.7 kPa)    |               |

|   |               |
|---|---------------|
| STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION                          | STANDARD PLAN |
| <b>ENERGY DISSIPATOR – IMPACT BASIN<br/>WITH VERTICAL BAFFLE WALL</b> | <b>384-3</b>  |
|   | SHEET 5 OF 10 |