## GENERAL NOTES

1. THE D100 DRAWING SERIES ARE STANDARD CONSTRUCTION DETAILS FOR TRANSIT PASSENGER FACILITIES. REFER TO SITE PLANS FOR APPLICABLE DETAILS.
2. DETAILS MAY BE MODIFIED TO FIT EXISTING SITE CONDITIONS. REFER TO NOTES ON PROPOSED SITE PLAN FOR MODIFICATIONS.
3. SPOT ELEVATIONS SHOWN IN THE DRAWINGS ARE NOT TIED TO ANY VERTICAL DATUM. ELEVATIONS SHOWN ARE SPECIFIC TO THAT BUS ZONE ONLY.
4. CURB RAMPS SHALL LINE UP WITHIN MARKED CROSSWALK IF NOT SPECIFIED ON PLANS. PROJECT REPRESENTATIVE TO FIELD LOCATE CENTER OF CURB RAMPS PRIOR TO CONSTRUCTION. PROVIDE PROJECT REPRESENTATIVE WITH 48 HOURS NOTICE OF REQUIRING RAMPS TO BE FIELD LOCATED.

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## STRUCTURAL NOTES

1. CODES & STANDARDS
   INTERNATIONAL BUILDING CODE (IBC)
   2006 BUILDING CODE

   REQUIREMENTS FOR REINFORCED CONCRETE
   ACI 318 (REVISED 2002)
2. ASPHALT PAVEMENT
   REFER TO TECHNICAL SPECIFICATIONS
   SECTION 02500
3. STRUCTURAL FILLS
   REFER TO TECHNICAL SPECIFICATIONS
   SECTION 02273
4. ROCKERY WALL
   REFER TO TECHNICAL SPECIFICATIONS
   SECTION 02278
5. REINFORCED CONCRETE RETAINING WALL
   REFER TO TECHNICAL SPECIFICATIONS
   SECTION 02273
6. CAST–IN–PLACE CONCRETE
   REFER TO TECHNICAL SPECIFICATIONS
   SECTION 03300
7. REINFORCED CONCRETE – SUPERVISED
   PRECAST CONCRETE PLANK – f'c = 4,000 psi @ 28 DAYS
   (ULTIMATE STRENGTH DESIGN)
   6.5 SACKS/C.Y & 5.0 GAL. WATER/SACK–
   RE–STEEL – GRADE 60 – fy = 60,000 PSI

   PRECAST PRESTRESSED CONCRETE PILING (DESIGN BY SUPPLIER)
   f'c = 5,000 psi MIN. @ 28 DAYS
   SUBMIT DESIGN MIX FOR APPROVAL
   SUBMIT CALCULATIONS FOR PILING TO MEET DESIGN REQUIREMENTS OF A LATERAL PRESSURE OF 1920#/L.F. (NO VERTICAL DESIGN LOAD)
   DESIGN DRAWINGS TO BE STAMPED AND SIGNED BY REGISTERED STRUCTURAL ENGINEER, STATE OF WASHINGTON

   PORTLAND CEMENT CONCRETE PAVEMENT
   f'c = 3,000 psi @ 3 DAYS
   f'c = 4,000 psi @ 7 DAYS
   MAXIMUM SLUMP 3"

   ALL OTHER CONCRETE
   f'c = 3,000 psi – (ULTIMATE STRENGTH DESIGN)
   6 SACKS/C.Y., 6 GAL WATER/SACK
   RE–STL GRADE 40 – fy = 60,000 psi

   MINIMUM COVER ON REINFORCING STEEL
   WALLS EXPOSED TO EARTH – 2"
   WALLS EXPOSED TO WEATHER – 1 1/2" (#5 & SMALLER)
   WALLS NOT EXPOSED TO EARTH OR WEATHER – 3/4"

   SLABS ON GRADE & FOUNDATION
   EXPOSED TO EARTH – 3"
   EXPOSED TO WEATHER – 1 1/2"
   DETAILING OF REINFORCING STEEL
   DETAIL IN ACCORD WITH ACI–318 (REVISED 2002)
   SUBMIT DETAILS FOR APPROVAL PRIOR TO FABRICATION AND PLACEMENT
   SUBMIT SHOP FABRICATION DRAWINGS ON ALL PRECAST CONCRETE TO PROJECT REPRESENTATIVE FOR APPROVAL PRIOR TO FABRICATION

## ABBREVIATIONS

| | |
|---|---|
| ACP | ASPHALT |
| @ | AT |
| APPROX | APPROXIMATELY |
| APWA | AMERICAN PUBLIC WORKS ASSOCIATION |
| AVE | AVENUE |
| CB | CATCH BASIN |
| CL | CLEAR |
| CO | CEAN OUT |
| CONC | CONCRETE |
| DWG | DRAWING |
| IE | INVERT ELEVATION |
| E | EAST |
| E.J. | EXPANSION JOINT |
| EH | ELECTRIC HANDHOLE |
| EXIST | EXISTING |
| EV | ELECTRIC VALVE |
| EW | EACH WAY |
| FH | FIRE HYDRANT |
| GA | GUY ANCHOR |
| GV | GAS VALVE |
| HORIZ | HORIZONTAL |
| HT | HEIGHT |
| HWY | HIGHWAY |
| L.F. | LINEAR FOOT |
| LP | LIGHT POLE |
| LR | LITTER RECEPTACLE |
| MAX | MAXIMUM |
| MH | MANHOLE |
| MIN | MINIMUM |
| MIC | MOMUMENT IN CASE |
| MON | SURFACE MONUMENT |
| N | NORTH |
| NE | NORTHEAST |
| N.I.C. | NOT IN CONTRACT |
| NO. | NUMBER |
| # | NUMBER |
| OC | ON CENTER |
| PCCP | PORTLAND CEMENT |
| PL. | CONCRETE PAVEMENT |
| PP | PLACE |
| PSI | POWER POLE |
| | POUNDS PER |
| PVC | SQUARE INCH |
| R | POLYVINYLCHLORIDE |
| RD | RADIUS |
| REF | ROAD |
| R/W | FOR REFERENCE ONLY |
| S | RIGHT OF WAY |
| SEC | SOUTH |
| SB | SECTION |
| SW | SIGN–BUS SIGN |
| SQ | SOUTHWEST |
| SS | SQUARE |
| STL | STAINLESS STEEL |
| ST | STEEL |
| STD | STREET |
| STS | STANDARD |
| TOP | STREET SIGN |
| TP | TOP OF WALL |
| TPD | TOP OF PAD |
| TRH | TELEPHONE PEDESTAL |
| TSP | TRAFFIC HANDHOLE |
| TW | TRAFFIC SIGNAL POLE |
| TYP | TOP OF WALL |
| VERT | TYPICAL |
| W | VERTICAL |
| W/ | WEST |
| WM | WITH |
| W/O | WATER METER |
| WV | WITH OUT |
| | WATER VALVE |

## SYMBOL LEGEND

- 2% — DIRECTION OF DRAINAGE AND SLOPE
- SIGN (EXISTING)
- SIGN (NEW)
- FENCE
- DITCH WITH SLOPE AND FLOW INDICATORS
- PROPERTY LINE
- CENTER LINE
- NEW CONCRETE PAVEMENT
- ROAD PAVEMENT REMOVAL
- UP — EXISTING UTILITY POLE
- LP — EXISTING LIGHT POLE
- NEW LIGHT POLE
- DECIDUOUS TREE
- EVERGREEN TREE
- BUSH OR SHRUB
- 2.40 — EXISTING SPOT ELEVATION
- 1.00 — FINISHED ELEVATION
- COLUMN MOUNTED LITTER RECEPTACLE
- LR — ENCLOSED WASTE CAN LITTER RECEPTACLE

## TYPICAL ELEVATION, SECTION AND DETAIL NUMBERING CONVENTIONS

ELEVATIONS

3/C307

DRAWING ON WHICH ELEVATION APPEARS. ___ INDICATES THE DRAWING IS ON THE SAME SHEET.

ELEVATION NUMBER

SECTIONS

3 / C101

SECTION NUMBER

DRAWING ON WHICH SECTION APPEARS. ___ INDICATES THE DRAWING IS ON THE SAME SHEET.

DETAILS

A / C101

DETAIL LETTER

DRAWING ON WHICH DETAIL APPEARS. ___ INDICATES THE DRAWING IS ON THE SAME SHEET.

DETAIL & SECTION LABELS

SECTION
SCALE: 1/2" = 1'–0"

3 / C101

SECTION NUMBER OR DETAIL LETTER

DRAWING ON WHICH DETAIL APPEARS. ___ INDICATES THE DRAWING IS ON THE SAME SHEET.

ONE INCH — AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

| No. | REVISION | BY | APP'D | DATE |
|---|---|---|---|---|
| | | | | |

NOT FOR CONSTRUCTION

| | |
|---|---|
| DESIGNED: C ASQUITH | CHECKED: P ENG |
| DRAWN: H SCHMITT | SCALE: NOTED |
| RECOMMENDED: D CRIPPEN | CONTRACT NO: C00256C07 |
| APPROVED: R ISLER | |

King County

Department of Transportation - Transit Division
STANDARDS FOR CONSTRUCTION OF TRANSIT PASSENGER FACILITIES

# GENERAL NOTES, STRUCTURAL NOTES, SYMBOL LEGEND & ABBREVIATIONS

DATE: JAN 08
FILE NO: D101C
DRAWING NO: D101
SHEET NO: 1 OF 12

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