

GENERAL NOTES:

1. THIS DETAIL SHALL BE USED IN CONJUNCTION WITH DETAILS 601 THROUGH 605A.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE CORRECT METER BOX AND COVER FOR THE CORRESPONDING USE TYPE. INCORRECTLY INSTALLED METER BOXES OR COVERS SHALL BE AT CONTRACTOR'S EXPENSE.
3. METER BOXES AND COVERS WITHIN A SUBDIVISION SHALL BE OF THE SAME MANUFACTURER.
4. STANDARD USE TYPE IS METER BOXES LOCATED WITHIN PLANTER STRIPS OR BEHIND SIDEWALKS, OUTSIDE OF HARD SURFACES.
5. TRAFFIC-RATED METER BOXES AND COVERS ARE REQUIRED WHEN LOCATED IN DRIVEWAYS, DRIVEWAY APPROACH APRONS, SIDEWALKS, OR OTHER AREAS AS DETERMINED BY THE DISTRICT ENGINEER.
6. PEDESTRIAN HARD SURFACE USE TYPE IS A PEDESTRIAN ACCESS ROUTE AS DEFINED BY PROWAG SECTION R302. EXAMPLES INCLUDE SIDEWALKS, CURB RAMP AREAS, OR OTHER TRAVELED PEDESTRIAN AREAS.
7. NON-PEDESTRIAN HARD SURFACE USE TYPE IS A NON-DRIVABLE, HARD SURFACE WHERE NO PEDESTRIAN TRAFFIC IS ANTICIPATED. EXAMPLES INCLUDE FURNITURE ZONES OR ELEVATED CONCRETE AREAS.
8. IF INCONSISTENCIES EXIST BETWEEN METER BOX OR COVER MANUFACTURER MODEL NUMBER(S) AND THOSE LISTED IN THE TABLE BELOW, DISTRICT SHALL BE NOTIFIED TO CONFIRM CORRECT MATERIALS PRIOR TO INSTALLATION.

METER BOX AND COVER TABLE (CATEGORIZED BY METER SIZE AND USE TYPE)

METER SIZE	STANDARD	TRAFFIC ¹ RATED	PEDESTRIAN HARD SURFACE ²	NON-PEDESTRIAN HARD SURFACE
1" OR SMALLER	ARMORCAST A6000485 (BOX) A6000484RCI (COVER) BROOKS #37 (BOX) WITH READER LID	ARMORCAST A6001946PCX12 (BOX) A6001969RCI (COVER)	ARMORCAST A6001946PCX12 (BOX) A6001969 (COVER) BROOKS #38 (BOX) WITH SOLID COVER SIGMA RAVEN N1324BLKWAT	ARMORCAST A6001946PCX12 (BOX) A6001969RCI (COVER) BROOKS #38 (BOX) WITH READER COVER DFW PLASTICS DFW1324C4-12-4CA SIGMA RAVEN N1324BLKWAT-RTO
1-1/2" AND 2" ³	ARMORCAST A6001640PCX18 (BOX) A6001643RCI (COVER) CARSON 1730-18 BLACK (COVER) 1730-3B BLACK FLUSH COVER WITH CI HINGE READER DFW PLASTICS DFW1324C-4CT<>-LID SIGMA RAVEN N1730BLKWAT	ARMORCAST A6001640PCX18 (BOX) A6001947TRCI (COVER)	ARMORCAST A6001640PCX18 (BOX) A6001947T (COVER) DFW PLASTICS DFW1730C4-12-4M-NHK SIGMA RAVEN N1730BLKWAT	ARMORCAST A6001640PCX18 (BOX) A6001947TRCI (COVER)

¹ TRAFFIC-RATED METER BOXES AND COVERS MUST MEET AASHTO H-20 LOADING DESIGN CRITERIA.

² PEDESTRIAN HARD SURFACE METER BOXES AND COVERS MUST MEET ALL ADA AND PROWAG REQUIREMENTS FOR LIPS AND GAPS.

³ ALL METER BOXES FOR 1-1/2" AND 2" METERS MUST BE 18" DEEP.

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**TUALATIN VALLEY
WATER DISTRICT**

APPROVED BY
PETER BOONE

DRAWING SCALE
NONE

WATER SERVICE CONNECTION:
APPROVED METER BOXES
AND COVERS

EFF. DATE 07/01/24

STANDARD DETAIL
605B