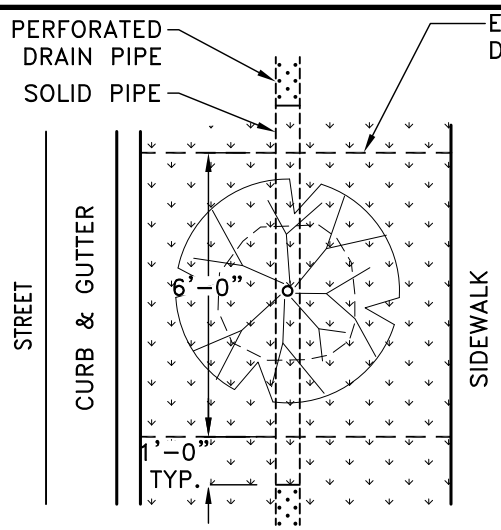
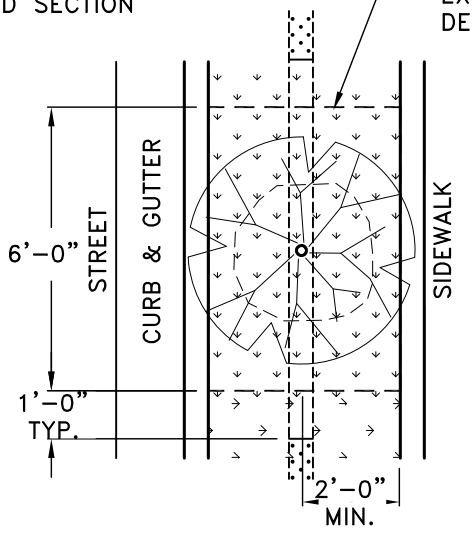
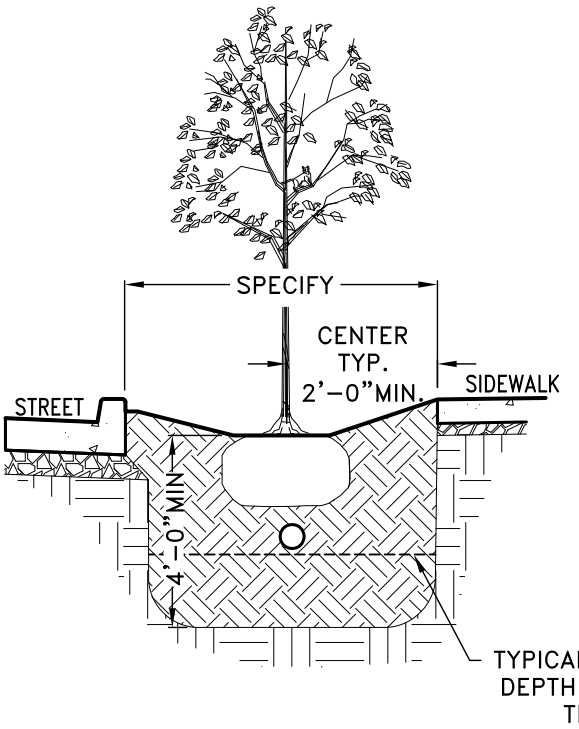


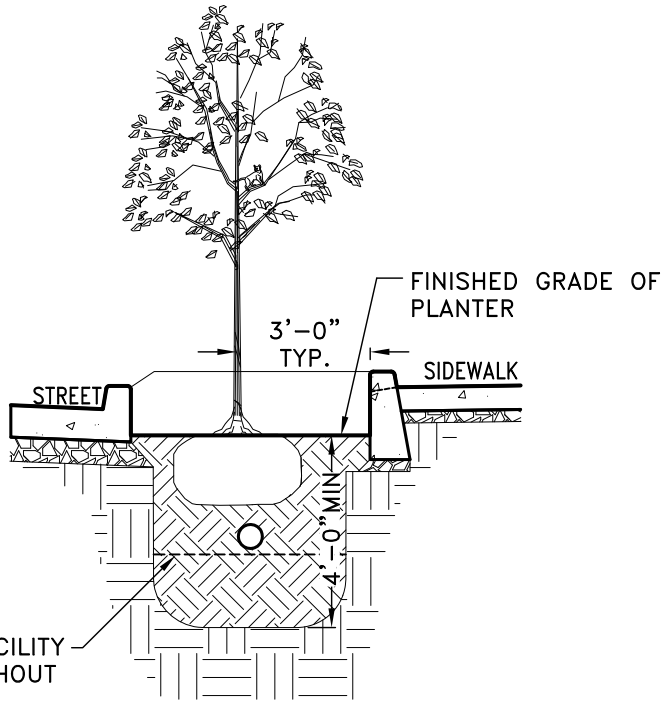
TREE WELL IN SWALE PLAN VIEW



TREE WELL IN PLANTER PLAN VIEW



STREET TREE IN SWALE



STREET TREE IN PLANTER

NOTES

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. FOR ADDITIONAL INFORMATION ON STREET TREE REQUIREMENTS SEE STANDARD SPECIFICATION SECTION 210 – STREET TREE STANDARDS.
3. CONSTRUCT DEEPER SECTION OF GROWING MEDIUM WHERE STREET TREES ARE PLANTED MINIMUM 4 FT WIDE, 6 FT LONG, 4 FT DEEP.

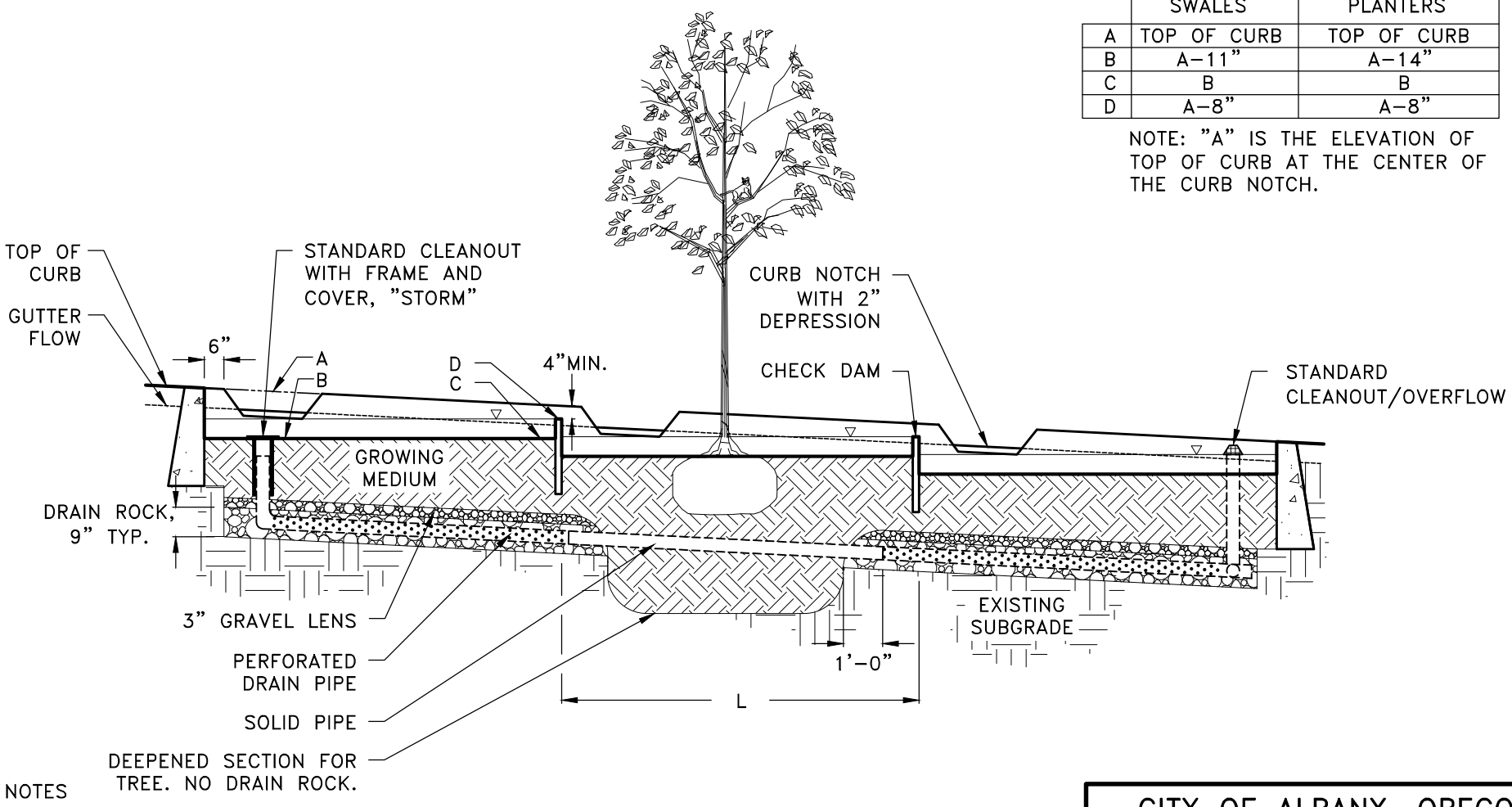
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREET TREE DETAIL IN STORMWATER FACILITIES

NO SCALE	APRIL 2014	NO. 601

ELEVATION CHART		
	SWALES	PLANTERS
A	TOP OF CURB	TOP OF CURB
B	A–11"	A–14"
C	B	B
D	A–8"	A–8"

NOTE: "A" IS THE ELEVATION OF TOP OF CURB AT THE CENTER OF THE CURB NOTCH.



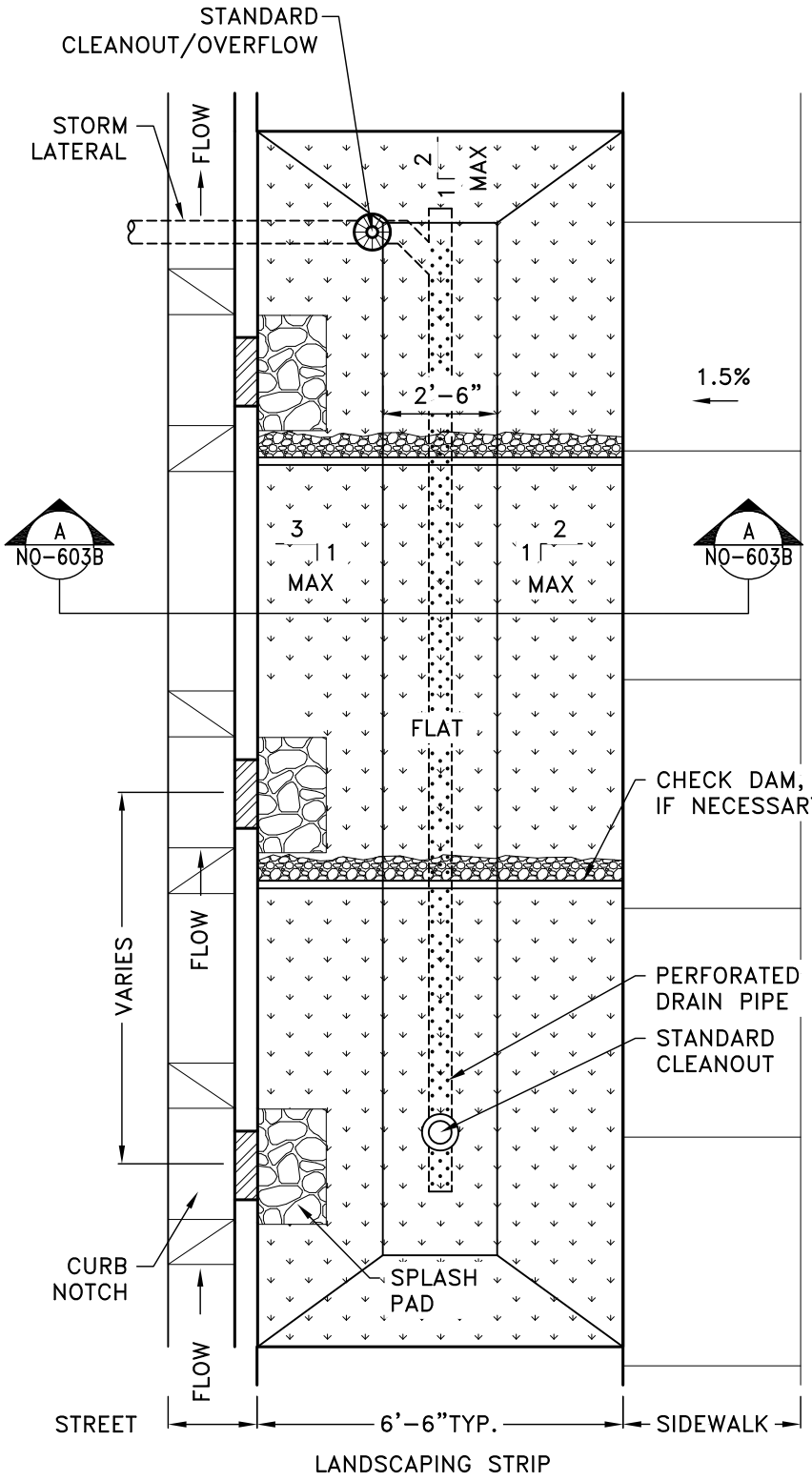
NOTES

1. LENGTH OF CELLS, "L", SHALL BE AS SHOWN ON PROJECT PLANS. LENGTH VARIES.
2. CUT SUBGRADE TO MATCH CURB SLOPE. DRAIN ROCK AND GRAVEL LENS DEPTHS SHALL BE CONSTANT. GROWING MEDIUM DEPTH VAIRES WITH CURB SLOPE, 18" MIN.
3. DRAIN PIPE SHALL BE INSTALLED TO MATCH CURB SLOPE. IN UNLINED FACILITIES, BOTTOM OF DRAIN PIPE SHALL BE SET AT 2 1/2" ABOVE EXISTING SUBGRADE. IN LINED FACILITIES, DRAIN PIPE SHALL BE SET AT BOTTOM OF DRAIN ROCK.
4. ELEVATIONS ARE NOT IMPACTED BY INCLUSION OF A STEP OUT ZONE IN A STANDARD STREETSIDE PLANTER.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

MULTI–CELL STORMWATER QUALITY FACILITIES (PLANTER SHOWN)

NO SCALE	APRIL 2014	NO. 602



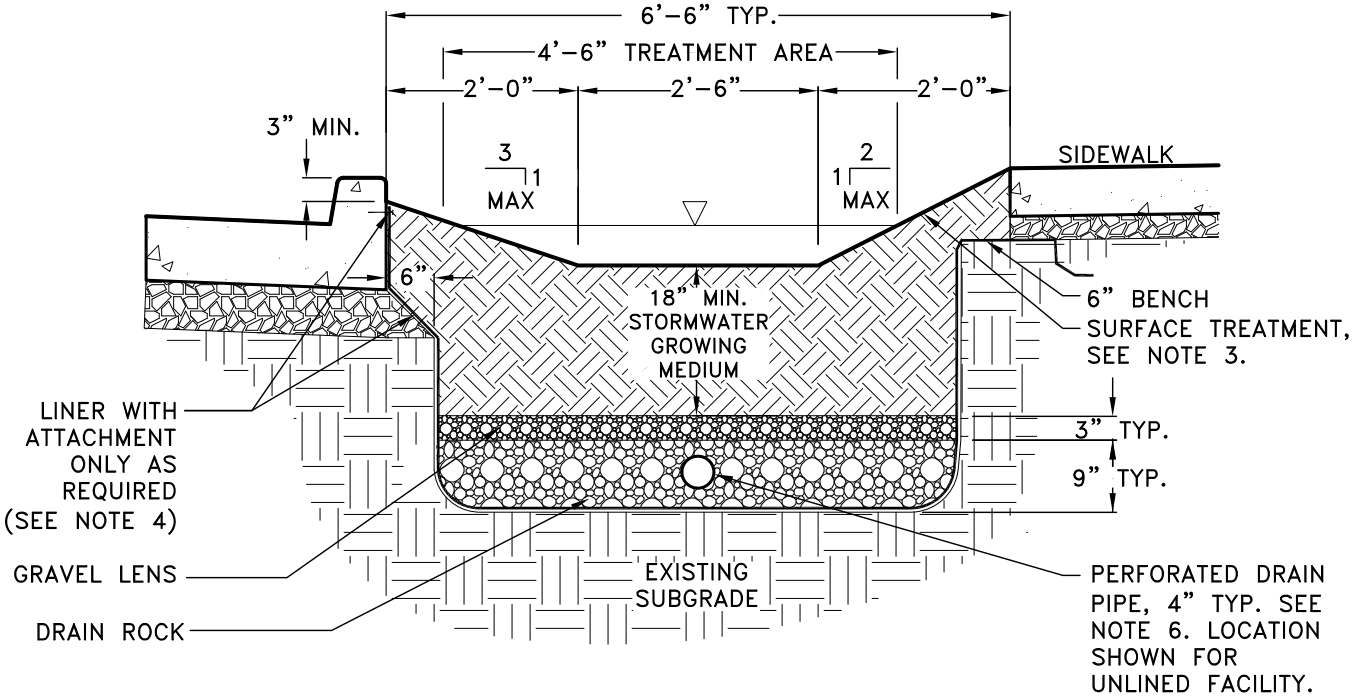
NOTES

1. SIDEWALK ELEVATION MUST BE SET ABOVE CHECK DAM AND INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR PIPED OVERFLOW SYSTEM AS APPLICABLE. SIDEWALK ELEVATION TO BE SET AT 1.5% RISE FROM TOP OF FACE OF CURB.
2. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.
3. STREETSIDE CURB NOTCHES TO BE LOCATED AS IDENTIFIED ON PROJECT PLANS.
4. ACTUAL ELEVATIONS AND RELATIONSHIPS BETWEEN FEATURES TO BE CONSTRUCTED AS IDENTIFIED ON PROJECT PLANS.
5. GRAVEL SPLASH PAD: INSTALL WASHED ROCK AT EACH CURB NOTCH.
6. CHECK DAMS SHALL BE PLACED ACCORDING TO INDIVIDUAL PROJECT PLANS.
7. SWALE SHALL HAVE A FLAT BOTTOM IN ALL DIRECTIONS TO WITHIN A HALF INCH.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREETSIDE SHALLOW SWALE PLAN VIEW

NO SCALE	APRIL 2014	NO. 603A



NOTES

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.

2. GROWING MEDIUM SHALL BE PLACED IN EVEN LIFTS NO GREATER THAN 8 INCHES IN DEPTH, AS MEASURED LOOSELY. LIFTS SHALL BE MODERATELY COMPACTED BY USE OF A SAND OR WATER FILLED LAWN ROLLER. MECHANICAL COMPACTION WITH JUMPING JACKS OR SIMILAR EQUIPMENT IS PROHIBITED.

3. SURFACE SHALL BE PROTECTED WITH STRAW OR JUTE MATTING THE SAME DAY THE GROWING MEDIUM IS PLACED AND SHAPED.

4. IMPERMEABLE LINER SHALL BE USED ONLY IF REQUIRED ON PROJECT PLANS.

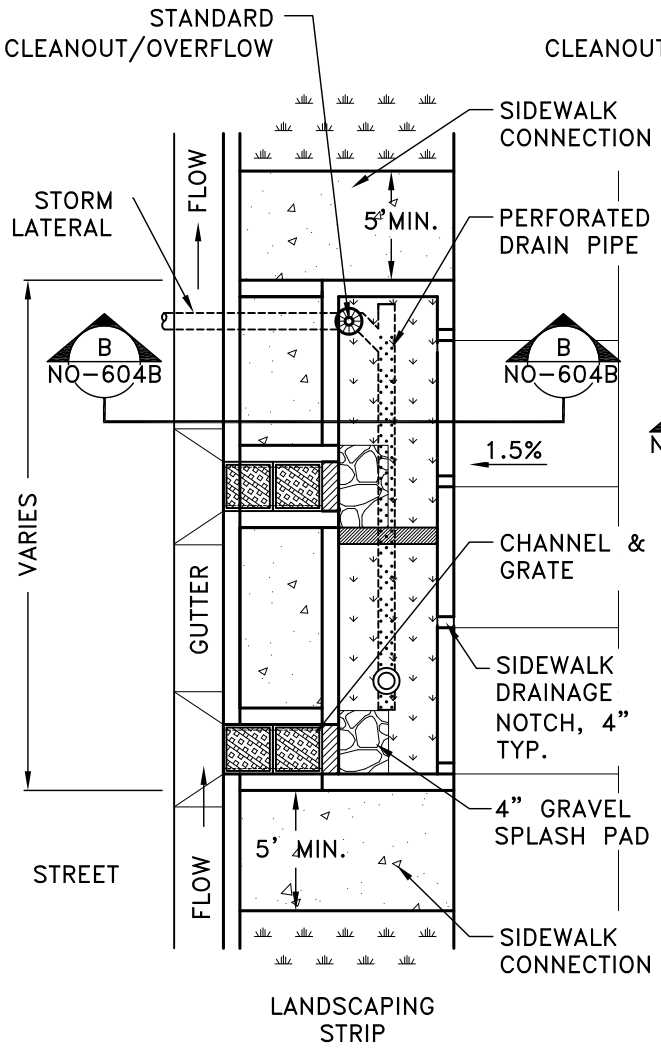
5. VEGETATION: INSTALL PER PLANTING SCHEDULE.

6. IN UNLINED FACILITIES, BOTTOM OF PERFORATED DRAIN PIPE SHALL BE SET AT 2 1/2" ABOVE EXISTING SUBGRADE. IN LINED FACILITIES, BOTTOM PERFORATED DRAIN PIPE SHALL BE SET AT BASE OF DRAIN ROCK LAYER.

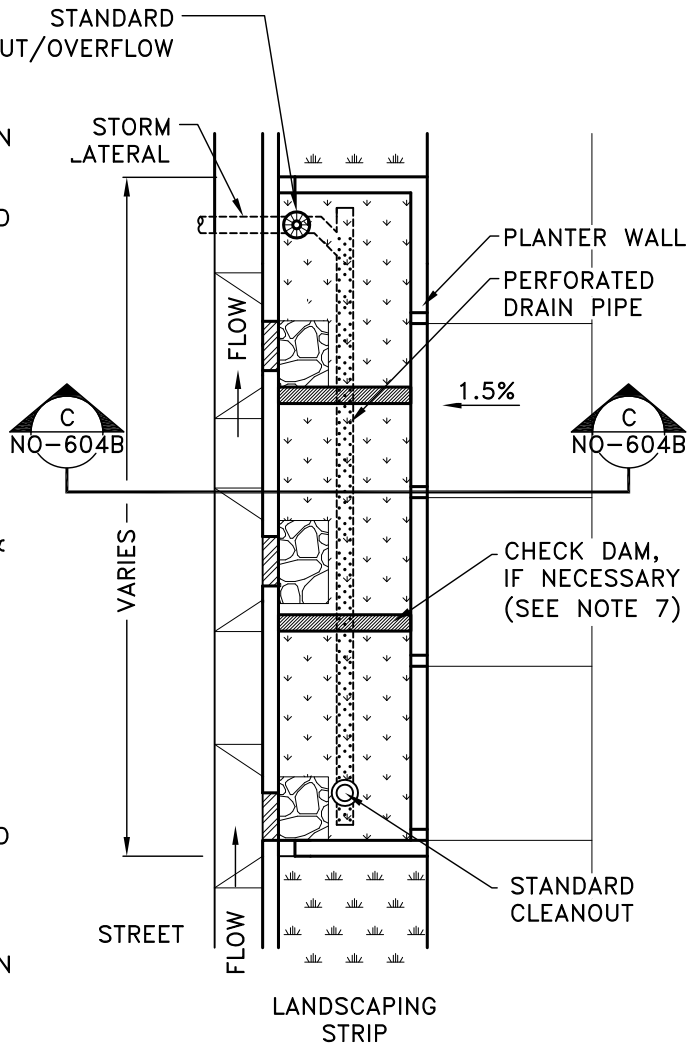
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREETSIDE SHALLOW SWALE SECTION VIEW

NO SCALE	APRIL 2014	NO. 603B



PLANTER WITH PARKING



PLANTER WITHOUT PARKING

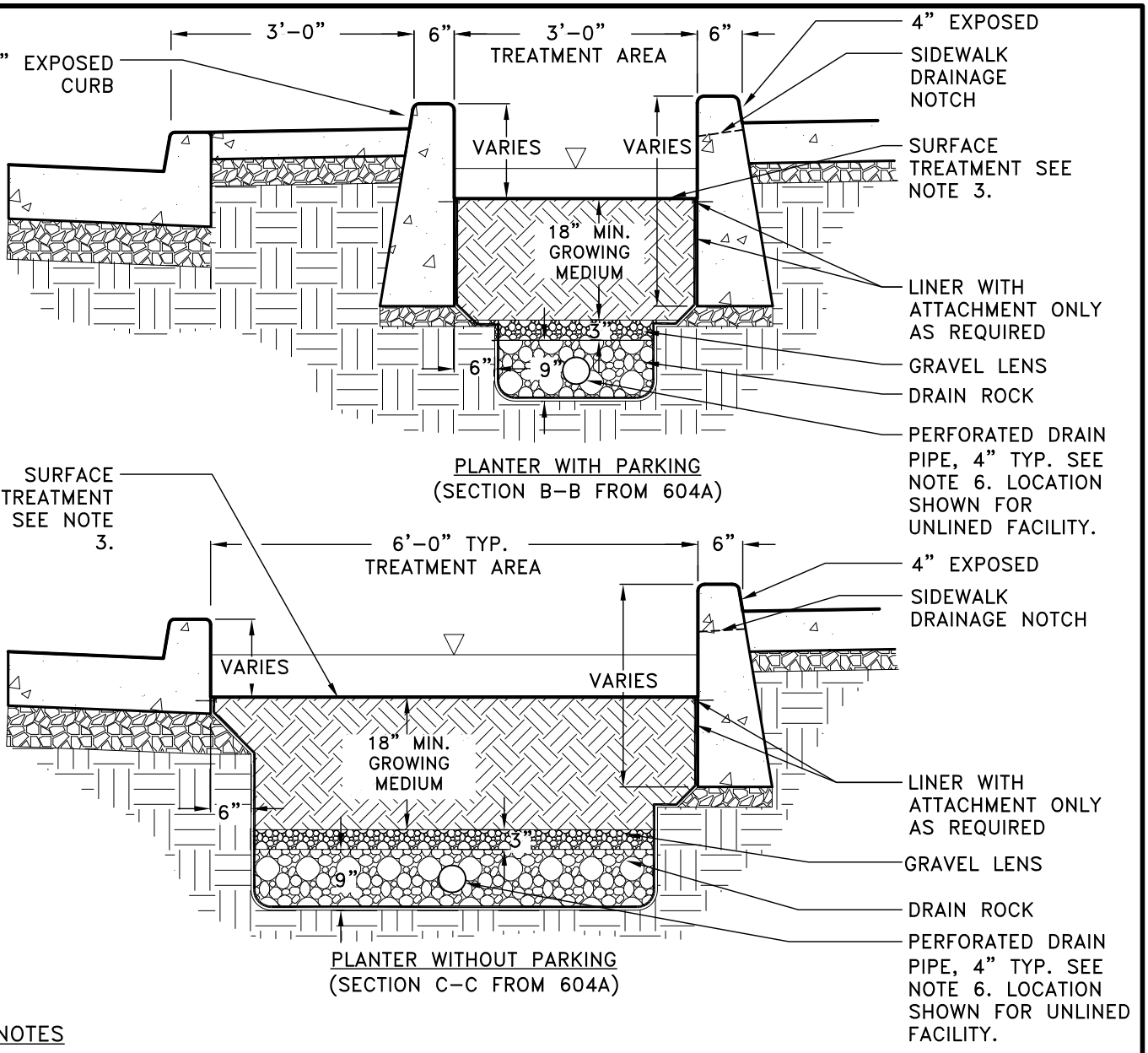
NOTES

1. SIDEWALK ELEVATION MUST BE SET ABOVE CHECK DAM AND INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR PIPED OVERFLOW SYSTEM AS APPLICABLE. SIDEWALK ELEVATION TO BE SET AT 1.5% RISE FROM TOP OF FACE OF CURB.
2. MINIMUM INTERIOR PLANTER WIDTH IS 3 FEET. A MINIMUM OF 4 FEET INTERIOR PLANTER WIDTH IS REQUIRED FOR STREET TREES IN PLANTER.
3. PLANTER SHALL BE FLAT BOTTOM IN ALL DIRECTIONS TO WITHIN A HALF INCH.
4. STREETSIDE CURB NOTCHES TO BE LOCATED AS IDENTIFIED ON PROJECT PLANS.
5. SIDEWALK DRAINAGE NOTCH: 1" LOWER THAN SIDEWALK, SLOPED TO FACILITY. SIDEWALK DRAINAGE NOTCHES SHALL ALIGN WITH SIDEWALK CONTRACTION JOINTS AND LOW POINTS.
6. GRAVEL SPLASH PAD: INSTALL WASHED ROCK AT EACH CURB NOTCH.
7. CHECK DAMS SHALL BE PLACED ACCORDING TO INDIVIDUAL PROJECT PLANS.
8. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS, AND SHALL HAVE A LIGHT BROOM FINISH.
9. ACTUAL ELEVATIONS AND RELATIONSHIPS BETWEEN FIGURES TO BE CONSTRUCTED AS IDENTIFIED ON PROJECT PLANS.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREETSIDE PLANTERS
PLAN VIEW

NO SCALE	APRIL 2014	NO. 604A



PLANTER WITH PARKING
(SECTION B–B FROM 604A)

PLANTER WITHOUT PARKING
(SECTION C–C FROM 604A)

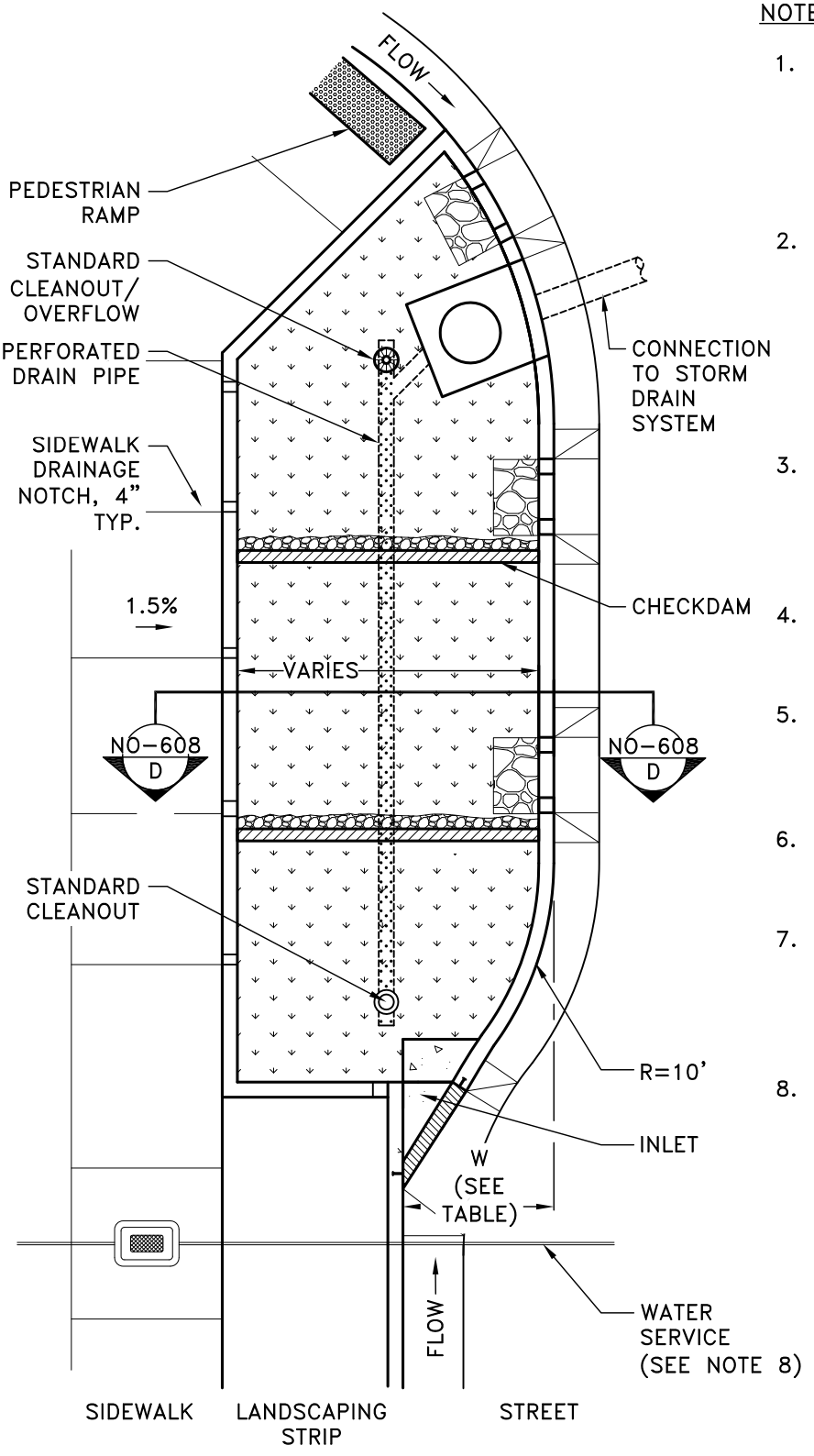
NOTES

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. GROWING MEDIUM SHALL BE PLACED IN EVEN LIFTS NO GREATER THAN 8 INCHES IN DEPTH, AS MEASURED LOOSELY. LIFTS SHALL BE MODERATELY COMPACTED BY USE OF A SAND OR WATER FILLED LAWN ROLLER. MECHANICAL COMPACTION WITH JUMPING JACKS OR SIMILAR EQUIPMENT IS PROHIBITED.
3. SURFACE SHALL BE PROTECTED WITH STRAW OR JUTE MATTING THE SAME DAY THE GROWING MEDIUM IS PLACED AND SHAPED.
4. IMPERMEABLE LINER SHALL BE USED ONLY IF REQUIRED ON PROJECT PLANS.
5. VEGETATION: INSTALL PER PLANTING SCHEDULE.
6. IN UNLINED FACILITIES, BOTTOM OF PERFORATED DRAIN PIPE SHALL BE SET AT 2 1/2" ABOVE EXISTING SUBGRADE. IN LINED FACILITIES, BOTTOM PERFORATED DRAIN PIPE SHALL BE SET AT BASE OF DRAIN ROCK LAYER.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREETSIDE PLANTERS SECTION VIEW

NO SCALE	APRIL 2014	NO. 604B



NOTES

1. SIDEWALK ELEVATION MUST BE SET ABOVE CHECK DAM AND INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR PIPED OVERFLOW SYSTEM AS APPLICABLE.
2. THROUGH VEGETATED CURB EXTENSIONS SIDEWALK ELEVATION SHALL BE SET AT 1.5% RISE FROM CALCULATED TOP FACE OF CURB ELEVATION, DETERMINED AS IF CURB WAS RUNNING ON A STRAIGHT, HORIZONTAL ALIGNMENT.
3. MINIMUM INTERIOR PLANTER WIDTH IS 3 FEET. A MINIMUM OF 4 FEET INTERIOR PLANTER WIDTH IS REQUIRED FOR STREET TREES IN PLANTER.
4. PLANTER SHALL BE FLAT BOTTOM IN ALL DIRECTION TO WITHIN HALF AN INCH.
5. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS, AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.
6. STREETSIDE CURB NOTCHES TO BE LOCATED AS IDENTIFIED ON PROJECT PLANS.
7. ACTUAL ELEVATIONS AND RELATIONSHIPS BETWEEN FEATURES TO BE CONSTRUCTED AS IDENTIFIED ON PROJECT PLANS.
8. WATER SERVICES SHALL BE LOCATED NO CLOSER TO CURB EXTENSIONS THAN POINT OF TANGENCY.

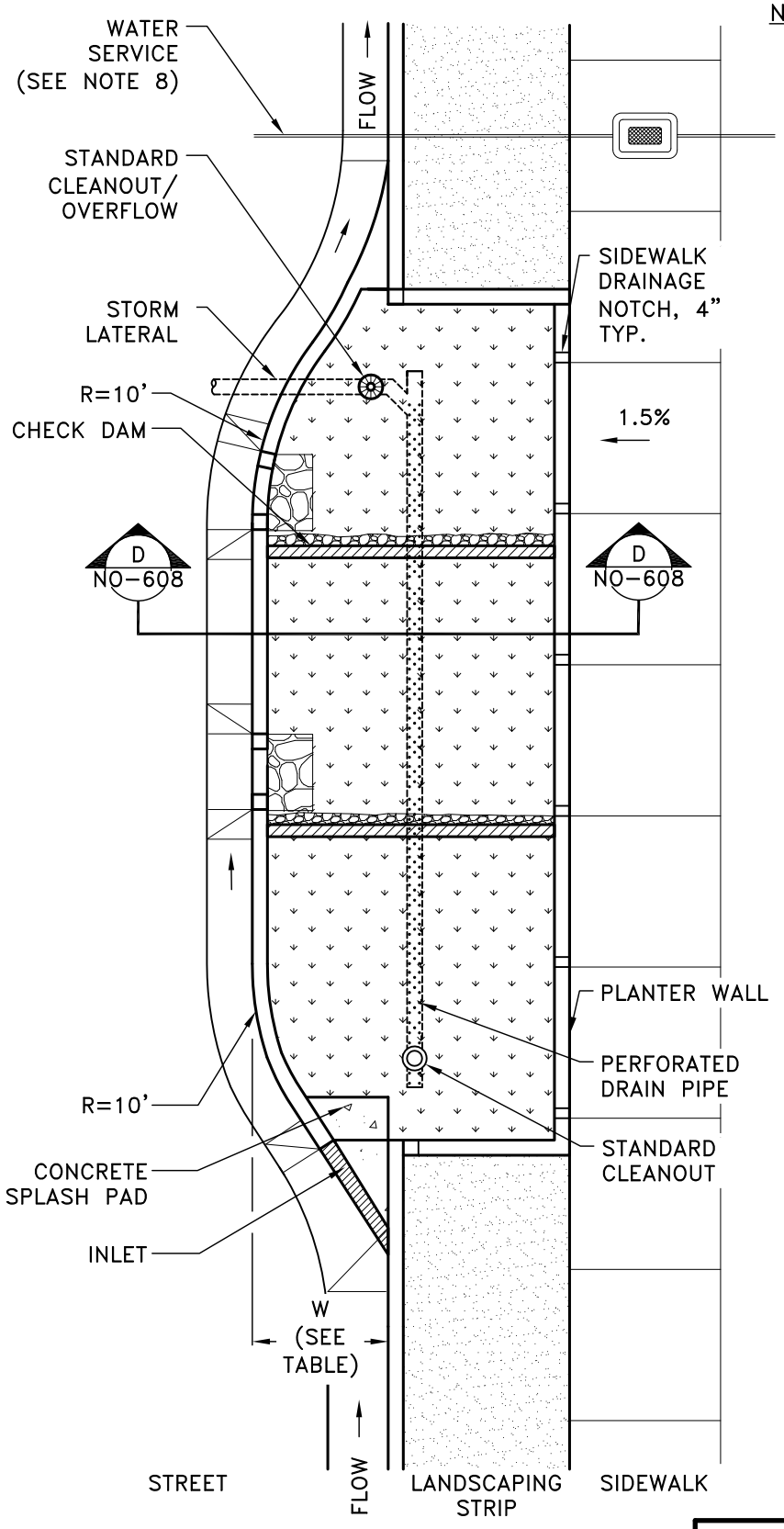
CURB EXTENSION WIDTH TABLE

STREET WIDTH	W
28'	3'-0"
≥30'	4'-0"

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

CURB EXTENSION PLANTER AT INTERSECTION

NO SCALE	APRIL 2014	NO. 605



NOTES

1. SIDEWALK ELEVATION MUST BE SET ABOVE CHECK DAM AND INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR OVERFLOW PIPING SYSTEM AS APPLICABLE.
2. THROUGH VEGETATED CURB EXTENSIONS SIDEWALK ELEVATION SHALL BE SET AT 1.5% RISE FROM CALCULATED TOP FACE OF CURB ELEVATION, DETERMINED AS IF CURB WAS RUNNING ON A STRAIGHT, HORIZONTAL ALIGNMENT.
3. MINIMUM INTERIOR FACILITY WIDTH IS 3 FEET. A MINIMUM OF 4 FEET INTERIOR FACILITY WIDTH IS REQUIRED FOR STREET TREES IF INCLUDING STREET TREES.
4. PLANTER SHALL BE FLAT BOTTOM IN ALL DIRECTION TO WITHIN HALF AN INCH.
5. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.
6. STREETSIDE CURB NOTCHES TO BE LOCATED AS IDENTIFIED ON PROJECT PLANS.
7. ACTUAL ELEVATIONS AND RELATIONSHIPS BETWEEN FEATURES TO BE CONSTRUCTED AS IDENTIFIED ON PROJECT PLANS.
8. WATER SERVICE LINE SHALL BE LOCATED NO CLOSER TO CURB EXTENSIONS THAN POINT OF TANGENCY.

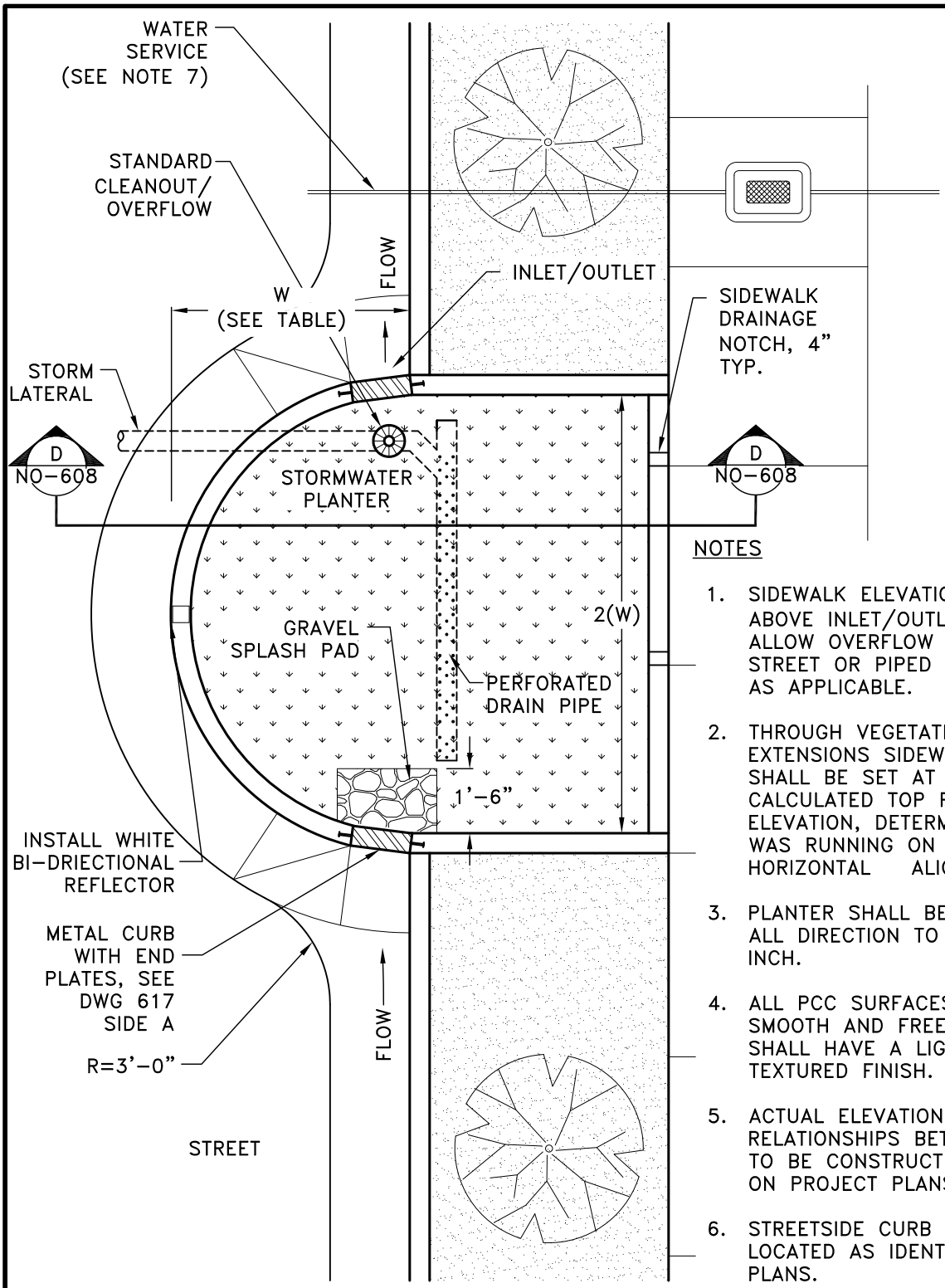
CURB EXTENSION WIDTH TABLE

STREET WIDTH	W
28'	4'-0"
≥30'	5'-0"

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

CURB EXTENSION PLANTER PLAN VIEW

NO SCALE	APRIL 2014	NO. 606



NOTES

1. SIDEWALK ELEVATION MUST BE SET ABOVE INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR PIPED OVERFLOW SYSTEM AS APPLICABLE.
2. THROUGH VEGETATED CURB EXTENSIONS SIDEWALK ELEVATION SHALL BE SET AT 1.5% RISE FROM CALCULATED TOP FACE OF CURB ELEVATION, DETERMINED AS IF CURB WAS RUNNING ON A STRAIGHT, HORIZONTAL ALIGNMENT.
3. PLANTER SHALL BE FLAT BOTTOM IN ALL DIRECTION TO WITHIN HALF AN INCH.
4. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.
5. ACTUAL ELEVATIONS AND RELATIONSHIPS BETWEEN FEATURES TO BE CONSTRUCTED AS IDENTIFIED ON PROJECT PLANS.
6. STREETSIDE CURB NOTCHES TO BE LOCATED AS IDENTIFIED ON PROJECT PLANS.
7. WATER SERVICES SHALL BE LOCATED NO CLOSER TO CURB EXTENSIONS THAN POINT OF TANGENCY.

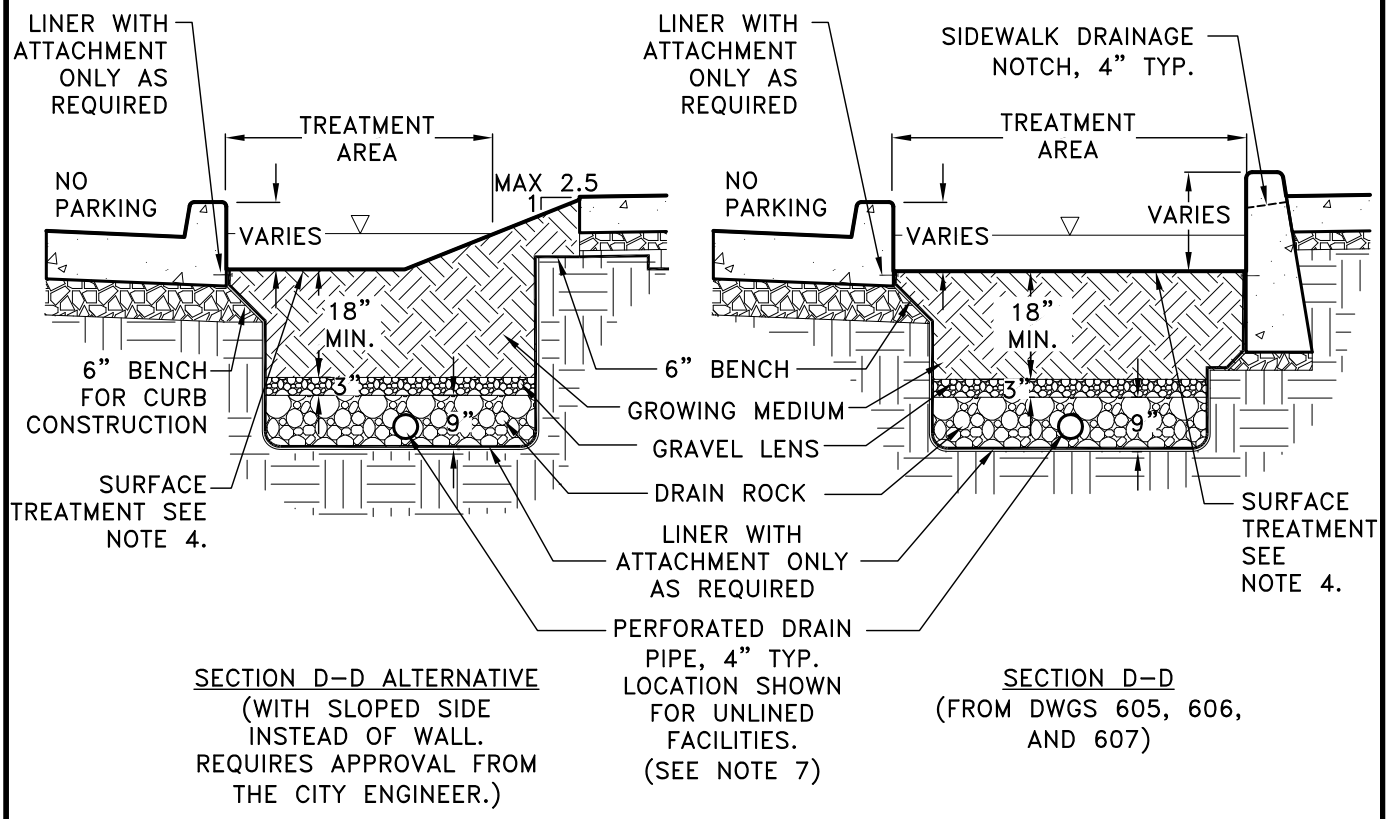
CURB EXTENSION WIDTH TABLE

STREET WIDTH	W
28'	4'-0"
≥30'	5'-0"

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

CURB EXTENSION POD PLAN VIEW

NO SCALE	APRIL 2014	NO. 607



SECTION D–D ALTERNATIVE
(WITH SLOPED SIDE INSTEAD OF WALL. REQUIRES APPROVAL FROM THE CITY ENGINEER.)

SECTION D–D
(FROM DWGS 605, 606, AND 607)

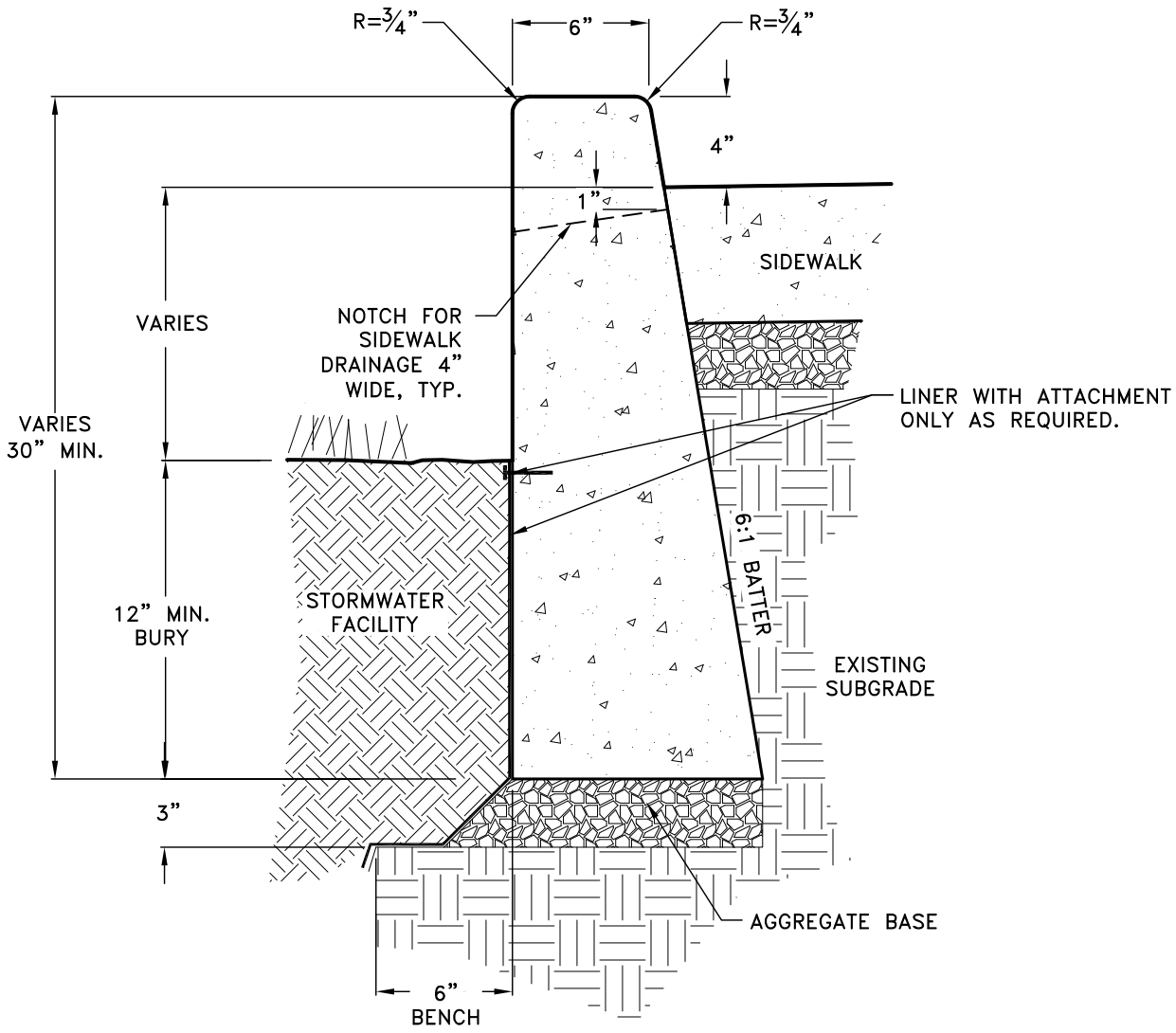
NOTES

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
3. GROWING MEDIUM SHALL BE PLACED IN EVEN LIFTS NO GREATER THAN 8 INCHES IN DEPTH, AS MEASURED LOOSELY. LIFTS SHALL BE MODERATELY COMPACTED BY USE OF A SAND OR WATER FILLED LAWN ROLLER. MECHANICAL COMPACTION WITH JUMPING JACKS OR SIMILAR EQUIPMENT IS PROHIBITED.
4. SURFACE SHALL BE PROTECTED WITH STRAW OR JUTE MATTING THE SAME DAY THE GROWING MEDIUM IS PLACED AND SHAPED.
5. IMPERMEABLE LINER SHALL BE USED ONLY IF REQUIRED ON PROJECT PLANS.
6. VEGETATION: INSTALL PER PLANTING SCHEDULE.
7. IN UNLINED FACILITIES, BOTTOM OF PERFORATED DRAIN PIPE SHALL BE SET AT 2 1/2" ABOVE EXISTING SUBGRADE. IN LINED FACILITIES, BOTTOM PERFORATED DRAIN PIPE SHALL BE SET AT BASE OF DRAIN ROCK LAYER.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

CURB EXTENSION PLANTER & POD SECTION VIEWS

NO SCALE	APRIL 2014	NO. 608



NOTES

1. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.

2. PLANTER WALLS EXCEEDING 40 FEET IN LENGTH REQUIRE SPECIAL DESIGN CONSIDERATION FOR A KEYED JOINT.

3. PLACE A CONTRACTION JOINT IN THE FACE OF THE WALL AT EACH SIDEWALK DRAINAGE NOTCH. CONTRACTION JOINTS SHALL BE PLACED IN LINE WITH ONE OF THE DRAINAGE NOTCH CORNERS.

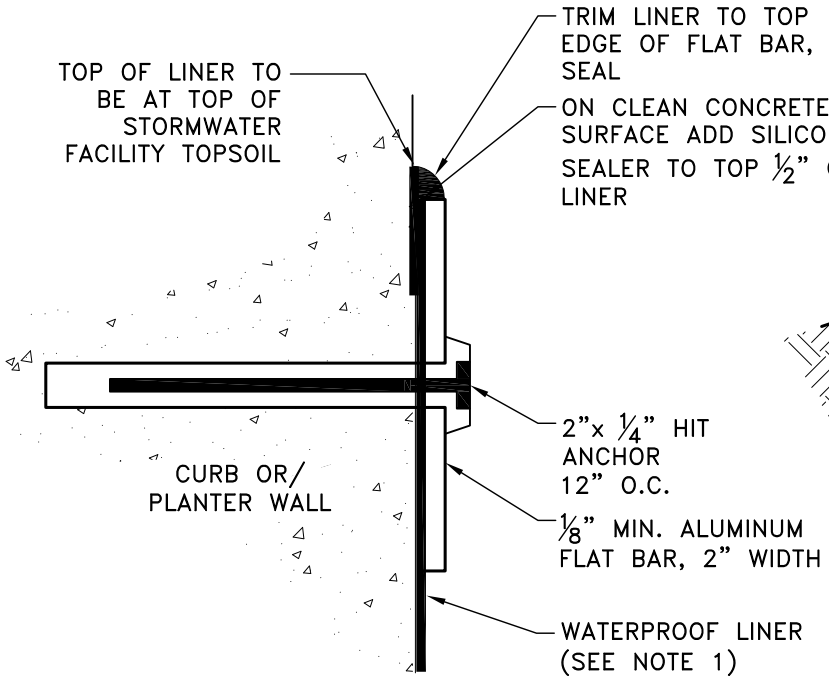
4. CONTRACTION JOINT SPACING SHALL NOT EXCEED 10 FEET REGARDLESS OF LOCATION OF DRAINAGE NOTCH.

5. SIDEWALK ELEVATION MUST BE SET ABOVE STREET INLET/OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET OR PIPED OVERFLOW SYSTEM AS APPLICABLE.

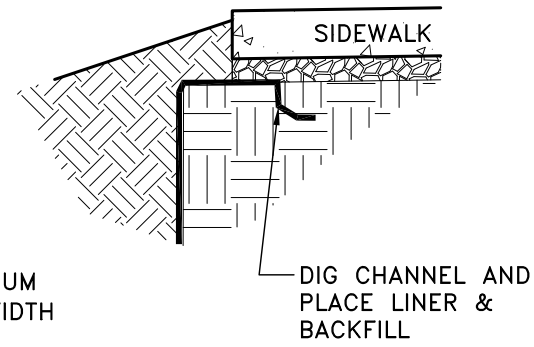
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

PLANTER WALL

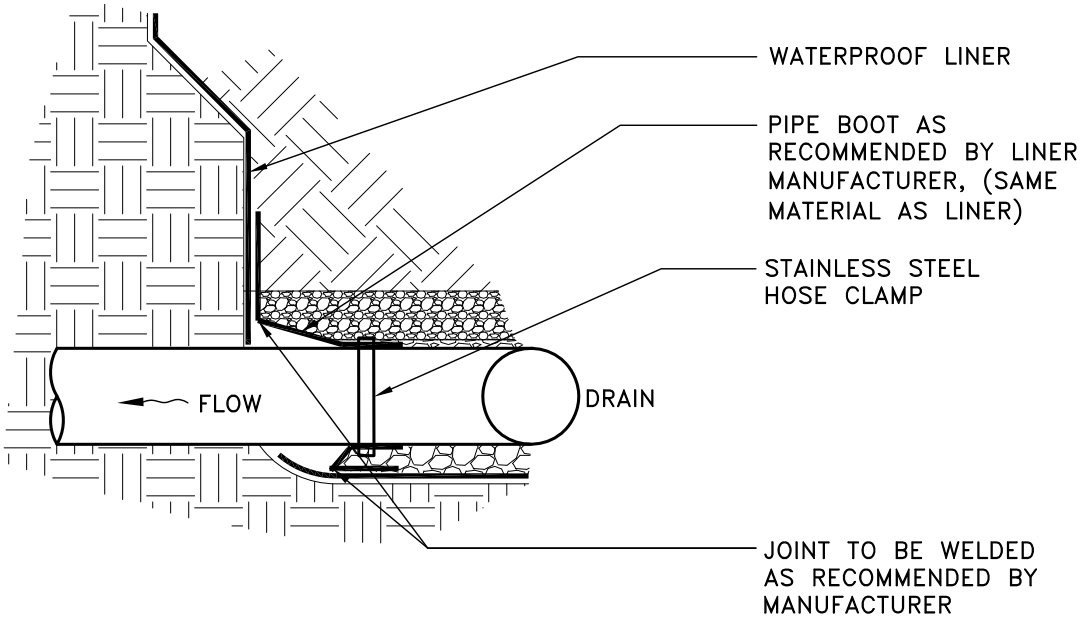
NO SCALE	APRIL 2014	NO. 609



LINER ATTACHMENT TO WALL



LINER EMBEDMENT ON SLOPED FACILITY



PIPE BOOT ATTACHMENT TO LINER

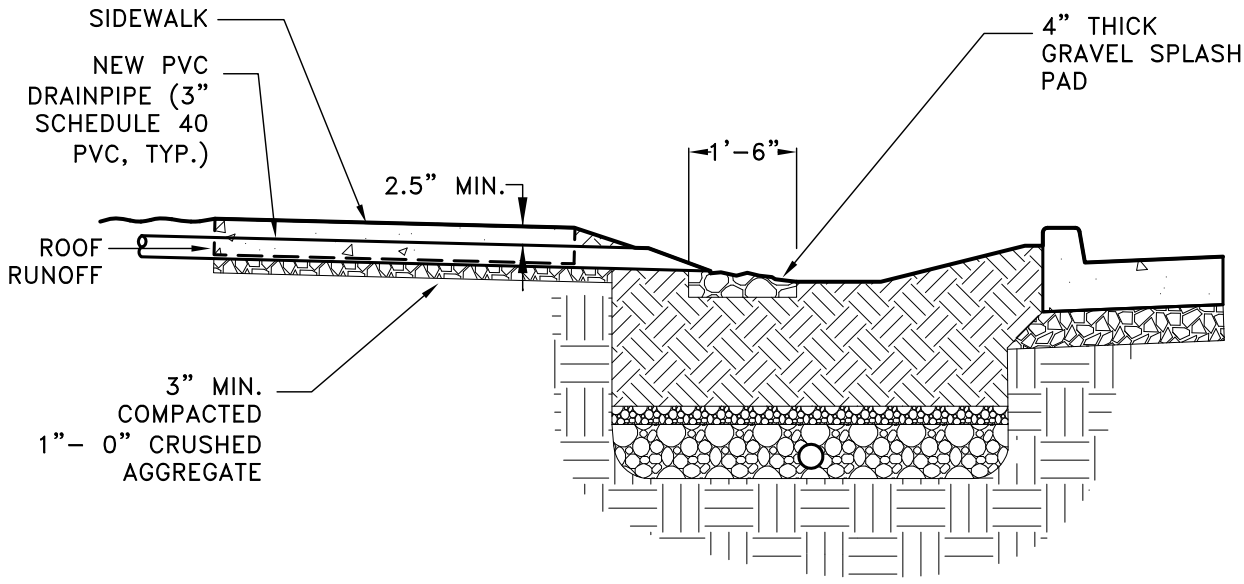
NOTES

1. LINER MATERIALS TO BE PER 603.03.00. LINER TO EXTEND FROM TOP OF TOPSOIL TO THE BOTTOM OF EXCAVATION.

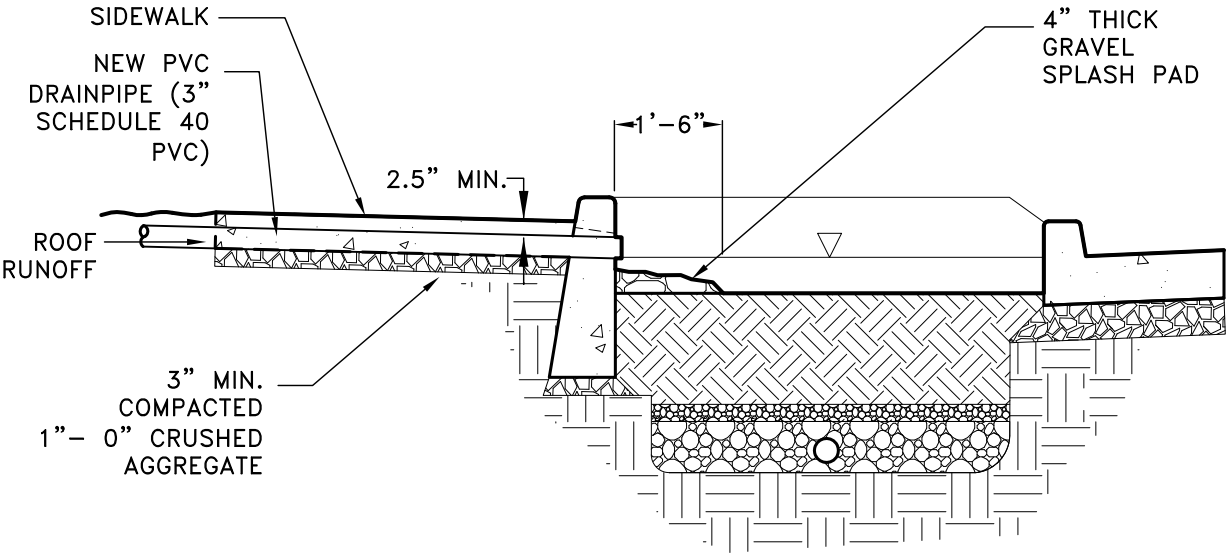
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

LINER ATTACHMENT DETAILS

NO SCALE	APRIL 2014	NO. 610



ROOF DRAIN TO SWALE

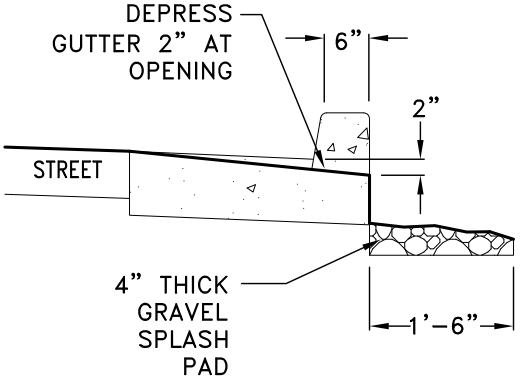


ROOF DRAIN TO PLANTER

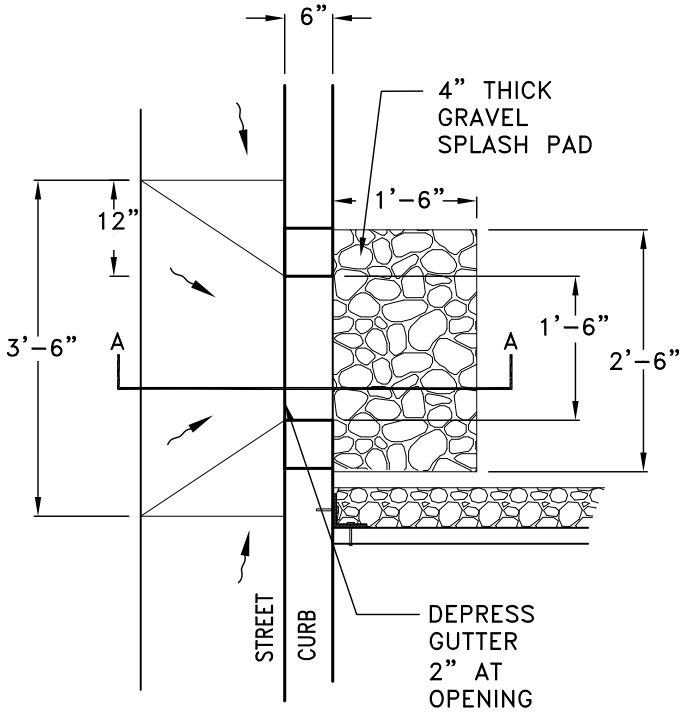
NOTES

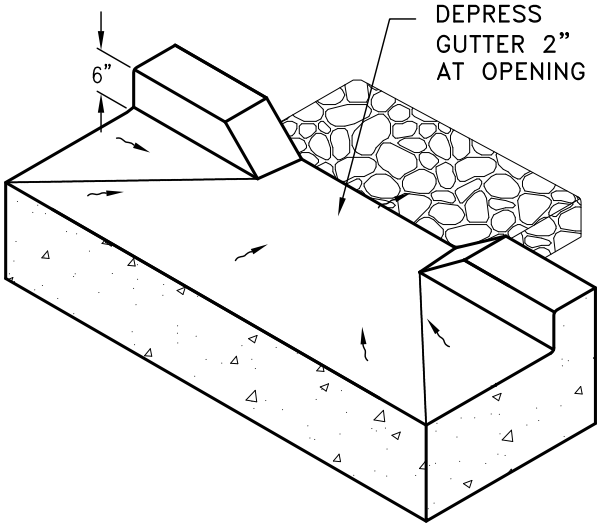
1. INVERT ELEVATION OF ROOF DRAIN PIPE SHALL BE SET TO MATCH GUTTER FLOW ELEVATION.
2. MITER PIPE END TO MATCH SIDE SLOPE OF SWALE. CONCRETE COLLAR REQUIRED TO PROTECT PIPE END AT SWALE.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
ROOF DRAIN CONNECTION TO SWALE AND PLANTER		
NO SCALE	APRIL 2014	NO. 611



SECTION A–A





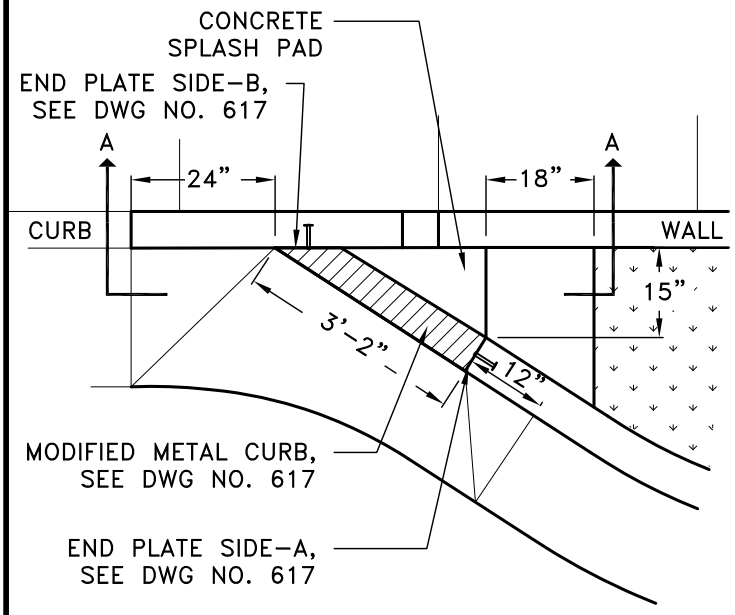
NOTES

1. ALL PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS, AND SHALL HAVE A LIGHT BROOM TEXTURED FINISH.
2. GRAVEL SPLASH PADS SHALL BE 12" WIDER THAN THE WIDTH OF THE CURB NOTCH OPENING.

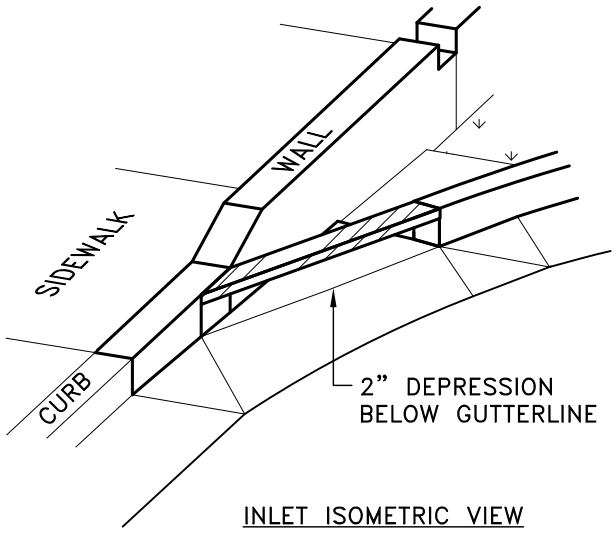
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

TYPICAL STREETSIDE CURB NOTCH

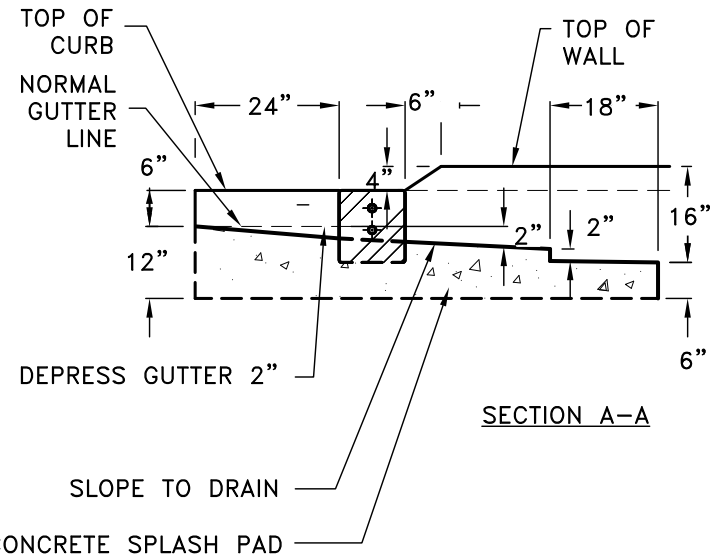
NO SCALE	APRIL 2014	NO. 612



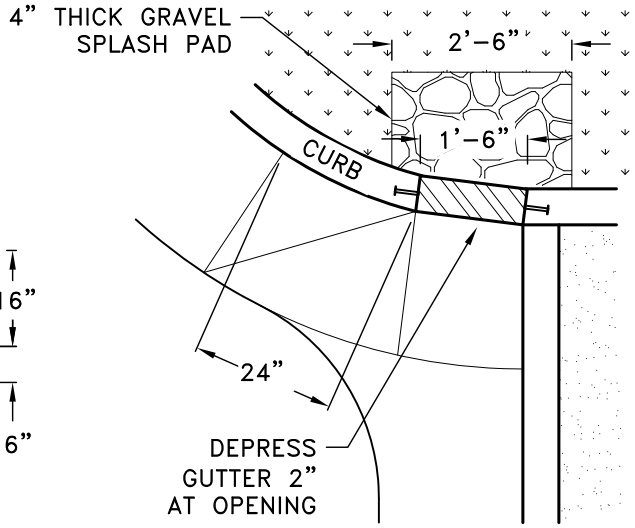
INLET PLAN VIEW



INLET ISOMETRIC VIEW



SECTION A–A



POD INLET PLAN VIEW

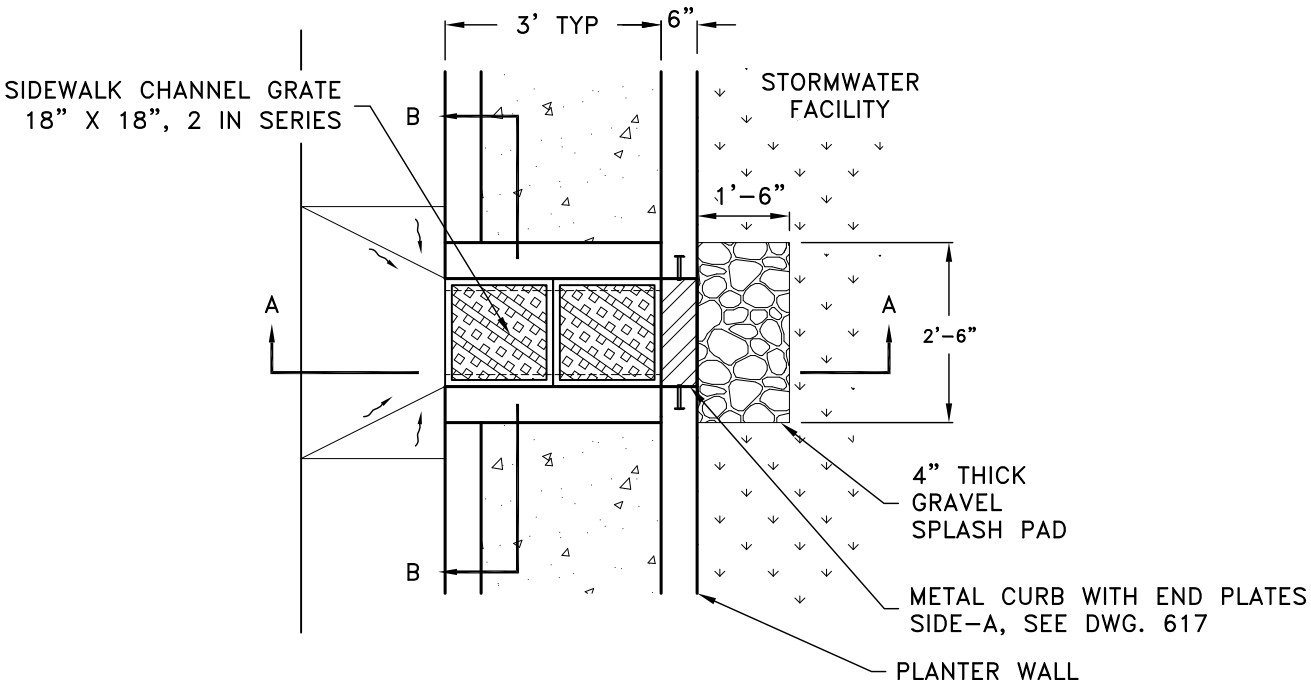
NOTES

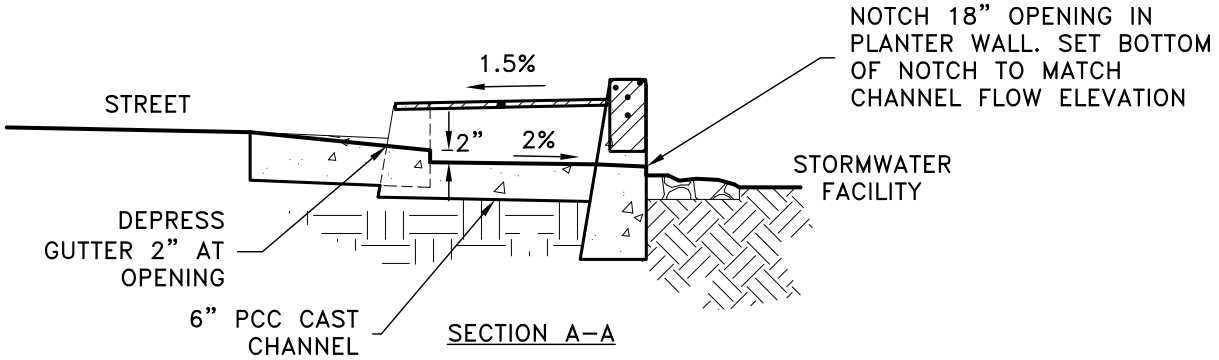
1. ADDITIONAL CURB NOTCHES MAY BE ADDED IMMEDIATELY DOWNSTREAM OF EACH CHECK DAM TO MINIMIZE POTENTIAL BACKFLOW.
2. INLET MAY BE MODIFIED WITH APPROVAL OF CITY ENGINEER TO MAXIMIZE FLOW ENTRY TO STORMWATER FACILITY.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

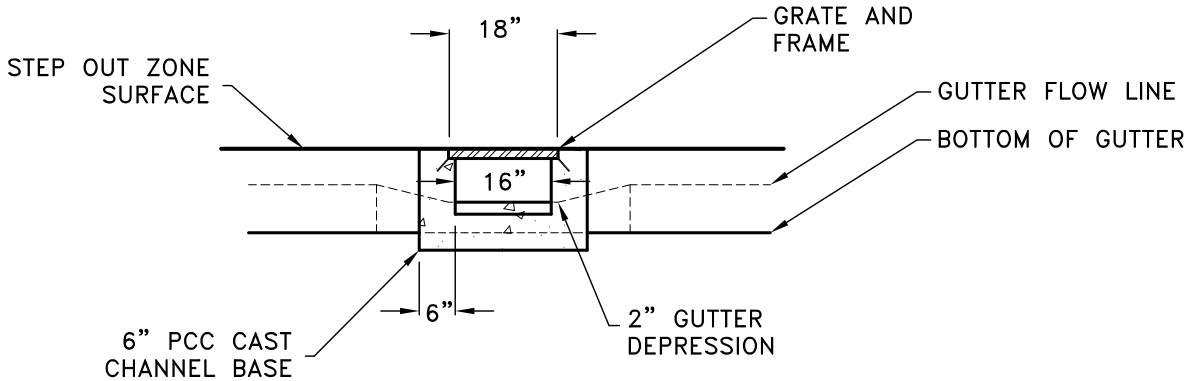
CURB EXTENSION INLET

NO SCALE	APRIL 2014	NO. 613





SECTION A-A



SECTION B-B

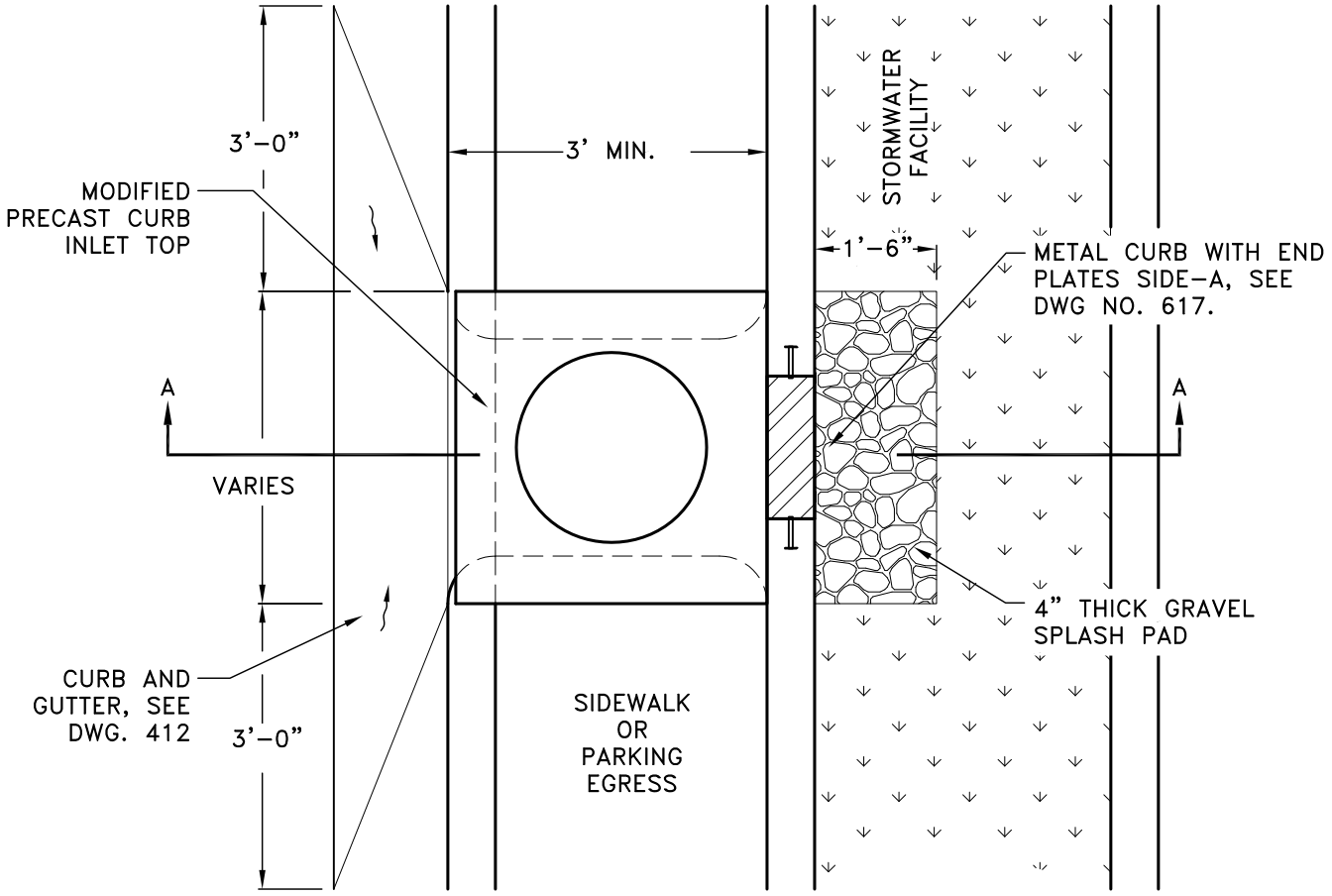
NOTES

1. CHANNEL GRATES SHALL BE "INTERLAKEN" 18" GRATE AS MANUFACTURED BY IRON AGE DESIGNS, MODEL IN18-18I13.
2. FRAME TYPE FOR CHANNEL GRATES SHALL BE "E" EMBED STYLE AS PROVIDED BY CHANNEL GRATE MANUFACTURER.

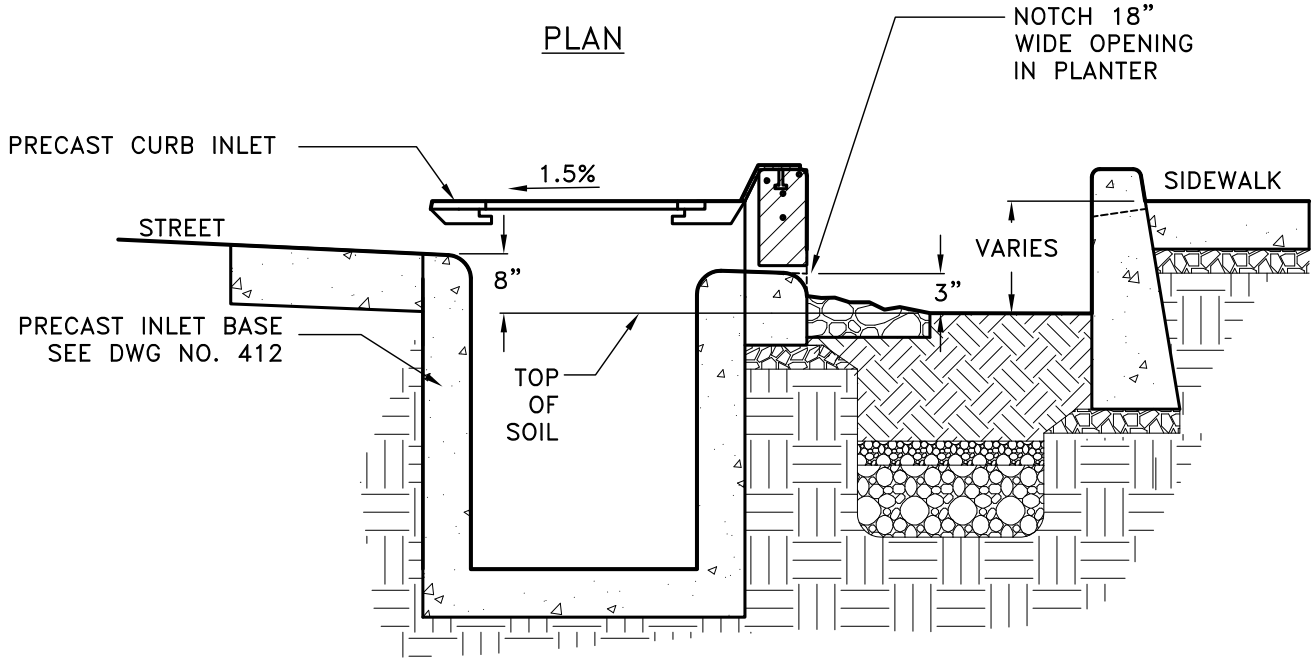
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

STREETSIDE GRATED INLET

NO SCALE	APRIL 2014	NO. 614



PLAN



SECTION A-A

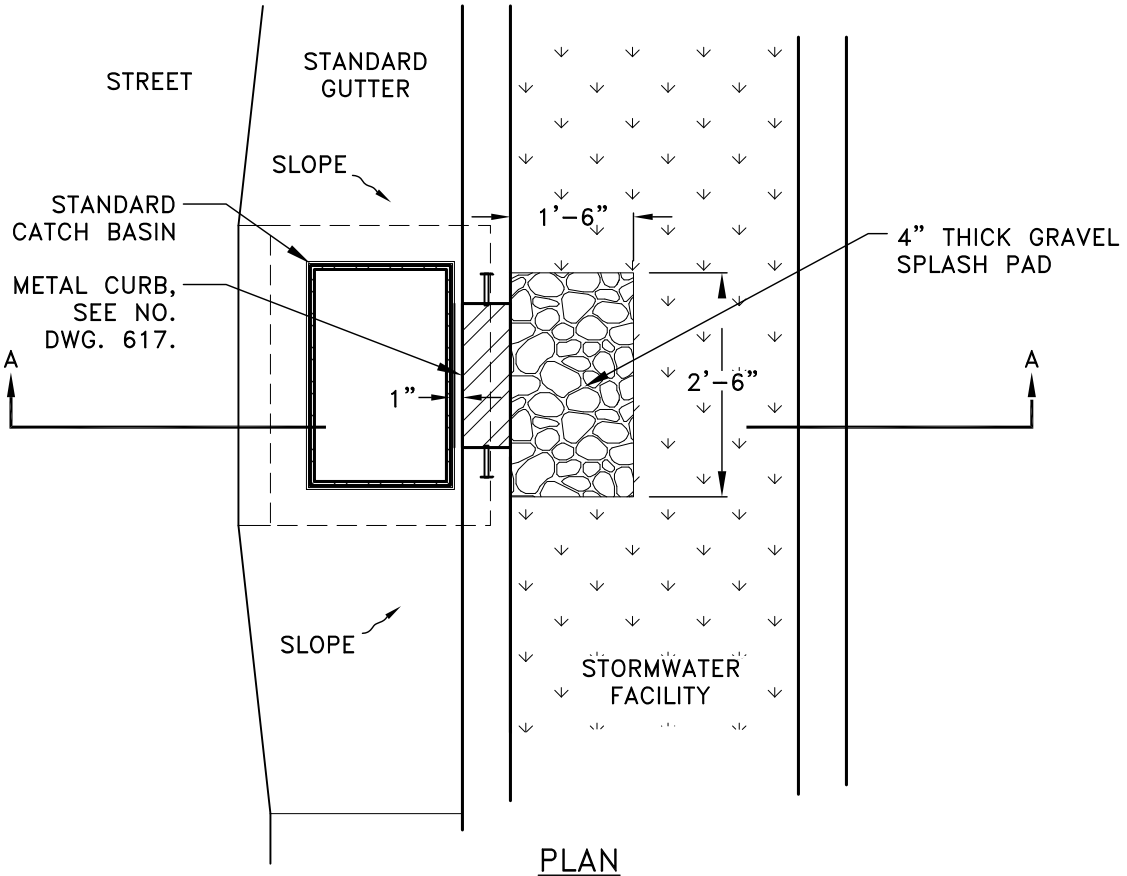
NOTES

1. CURB INLET TOP SHALL BE CUSTOM CAST FOR CURB OPENING ON BOTH SIDES.
2. USE STANDARD STORM MANHOLE COVER FOR LID.

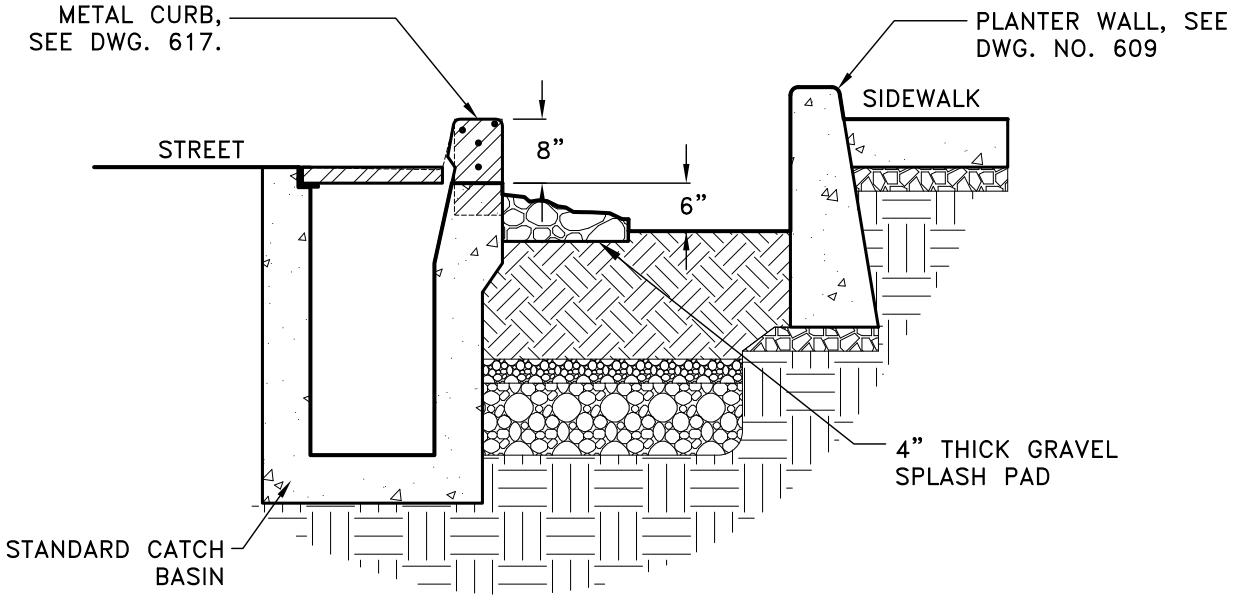
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

CURB INLET SEDIMENT COLLECTOR WITH PLANTER

NO SCALE	APRIL 2014	NO. 615

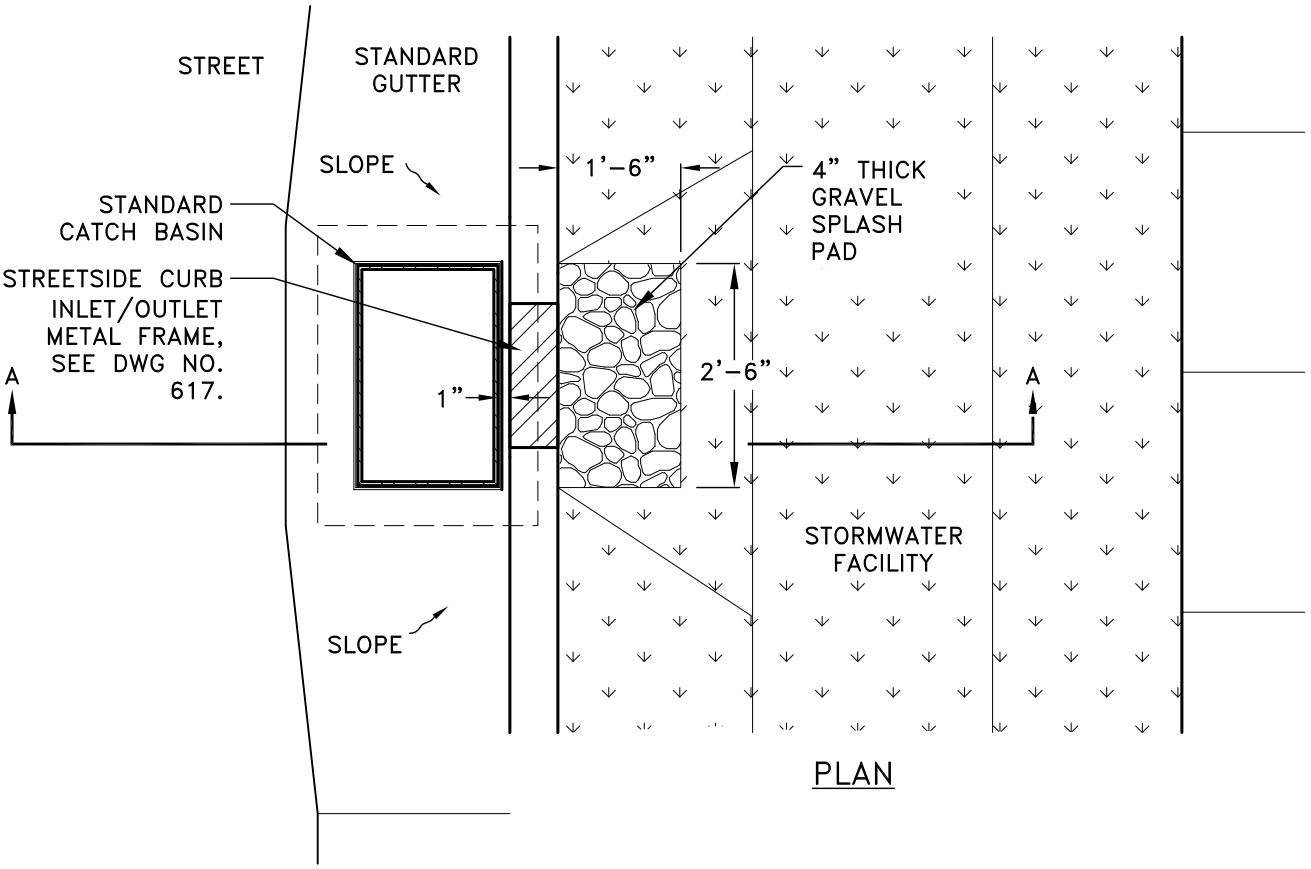


PLAN

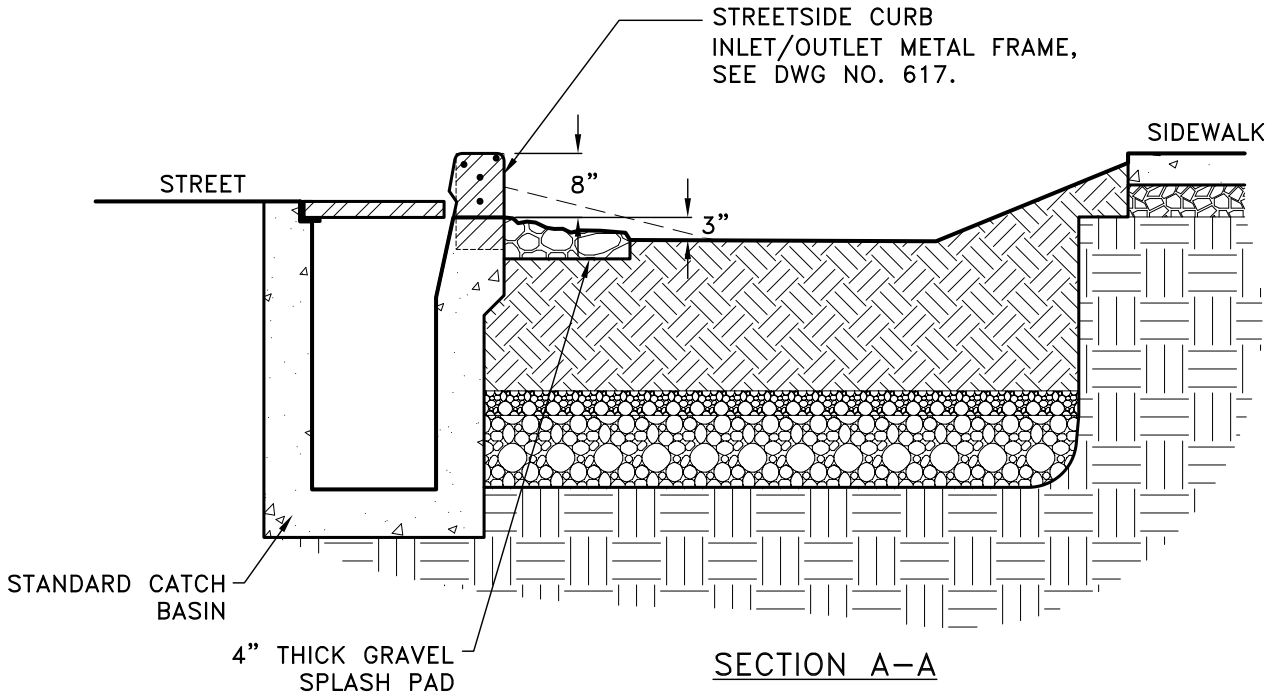


SECTION A–A

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
CATCH BASIN SEDIMENT COLLECTOR WITH PLANTER		
NO SCALE	APRIL 2014	NO. 616A

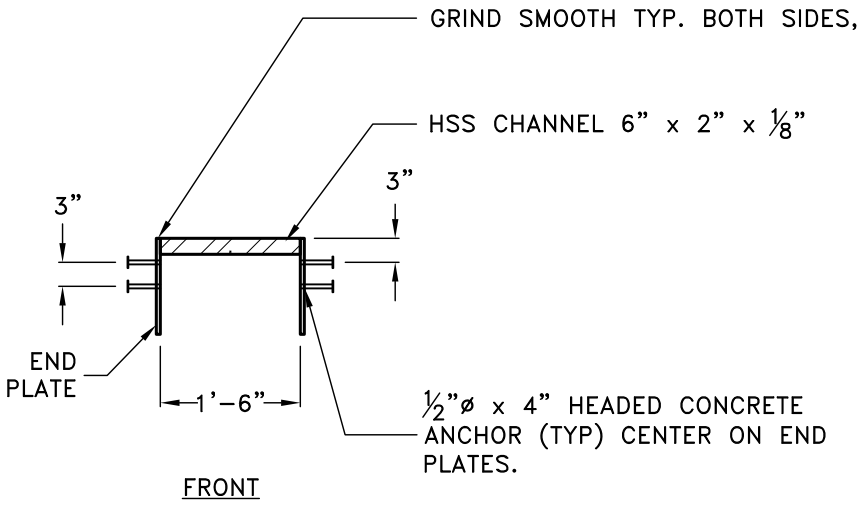


PLAN

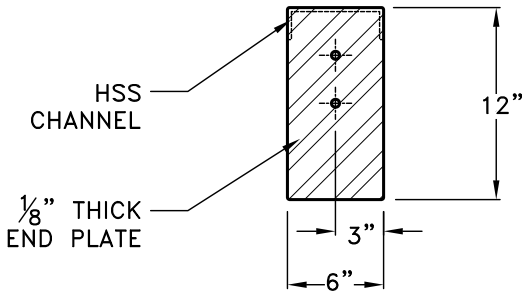


SECTION A–A

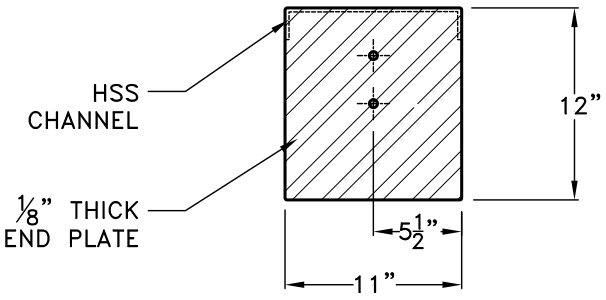
CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
CATCH BASIN SEDIMENT COLLECTOR WITH SWALE		
NO SCALE	APRIL 2014	NO. 616B



FRONT



END PLATE SIDE-A

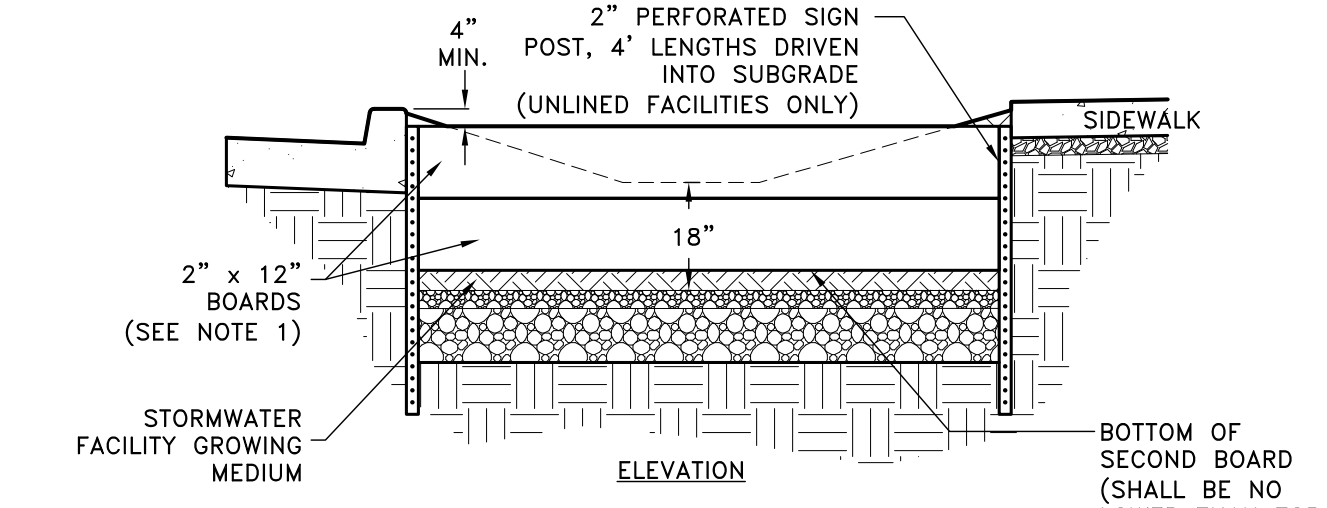


END PLATE SIDE-B

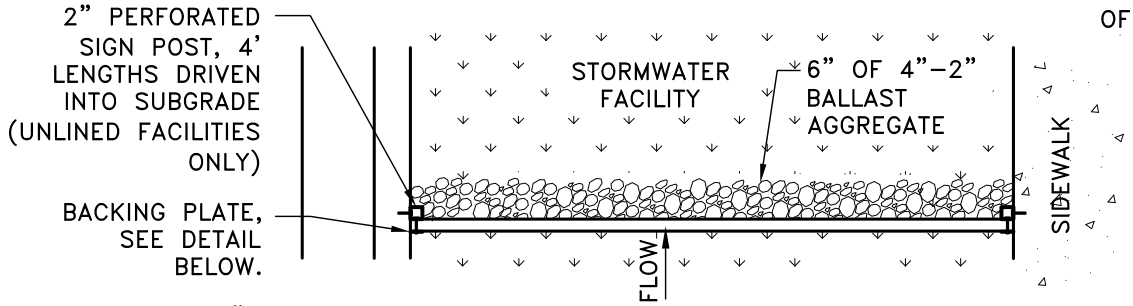
NOTES

1. SINGLE BEVEL GROOVE WELD.

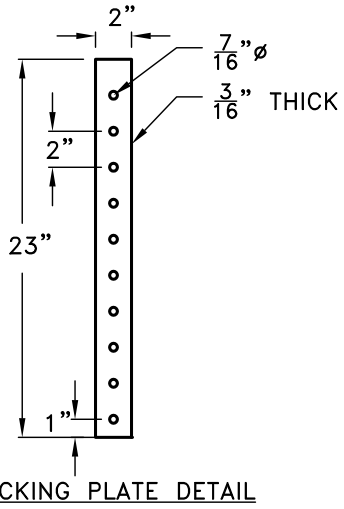
CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
METAL CURB DETAILS		
NO SCALE	APRIL 2014	NO. 617



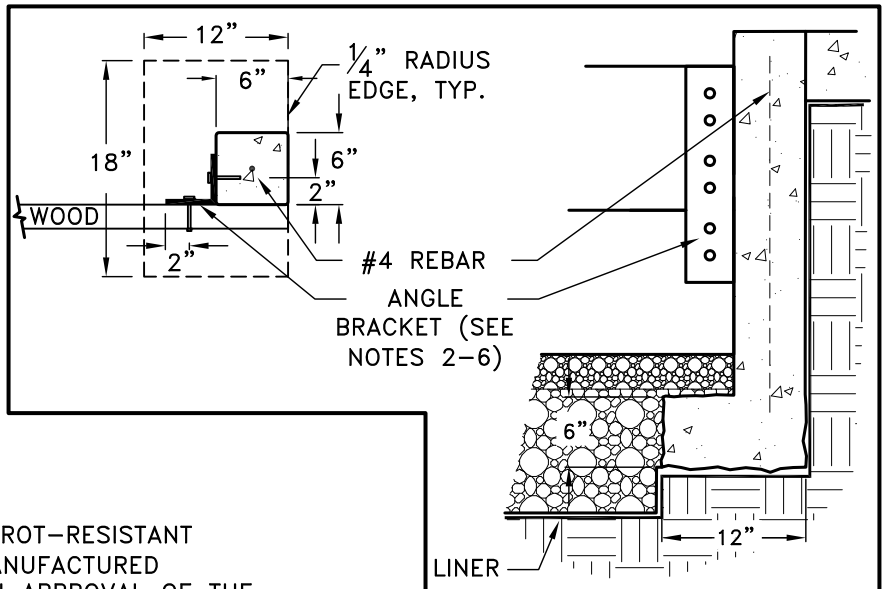
ELEVATION



PLAN



BACKING PLATE DETAIL



COLUMN DETAIL

NOTE: COLUMN DETAIL FOR USE IN LINED FACILITIES ONLY.

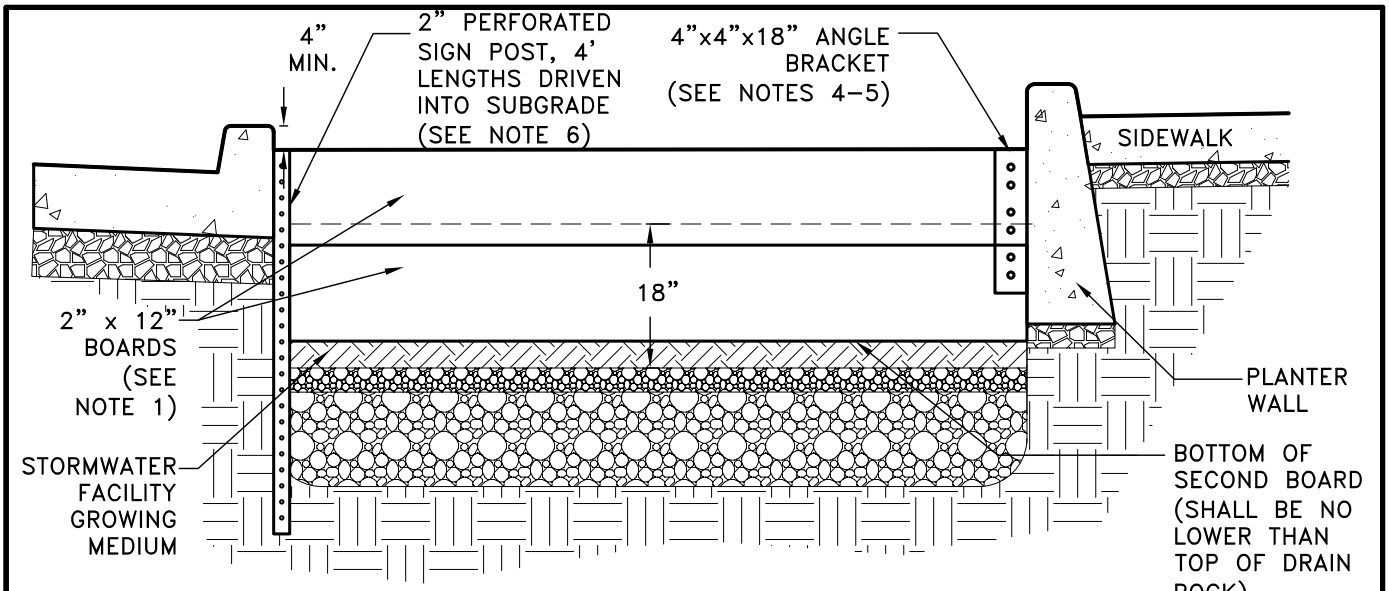
NOTES

1. LUMBER TO BE A NATURALLY ROT–RESISTANT WOOD (E.G. CEDAR, ETC.). MANUFACTURED PRODUCTS CAN BE USED WITH APPROVAL OF THE CITY ENGINEER. NO CHEMICALLY TREATED WOOD WILL BE ALLOWED.
2. FASTENERS TO BE STAINLESS STEEL.
3. 4" X 4" X 18" ANGLE BRACKET AND BACKING PLATE TO BE MADE OF MIN. 3/16" STAINLESS STEEL.
4. TOP OF BACKING PLATE, ANGLE BRACKET, AND SIGN POSTS TO BE NO HIGHER THAN TOP OF CHECK DAM.
5. MIN. 3 BOLTS TO CONCRETE, MIN. 2 BOLTS PER BOARD. USE 5/16" DIA. BOLTS.
6. SEE BRACKET DETAIL ON DWG 619.

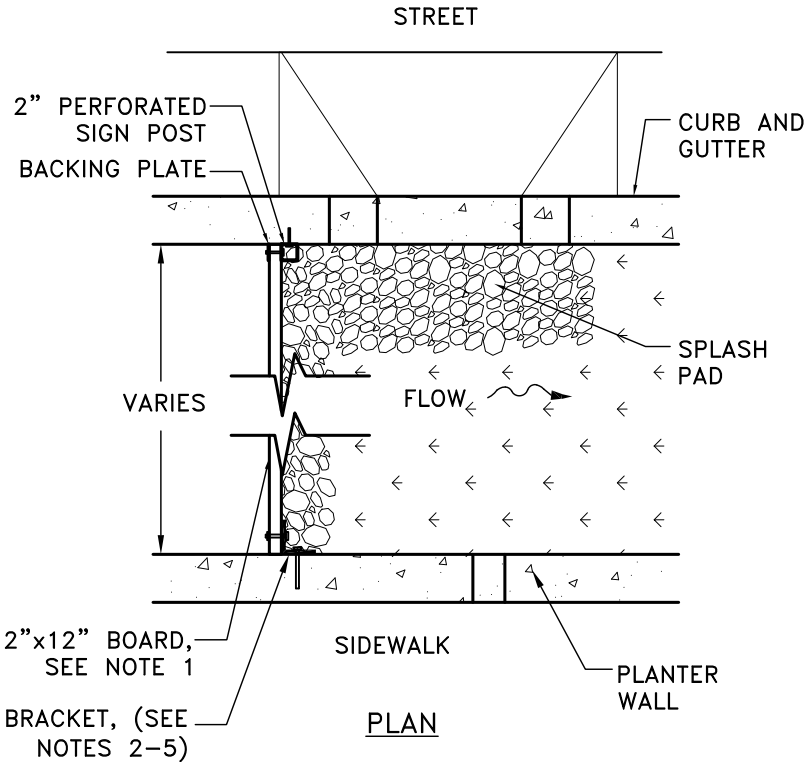
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

WOOD CHECK DAM FOR SWALE

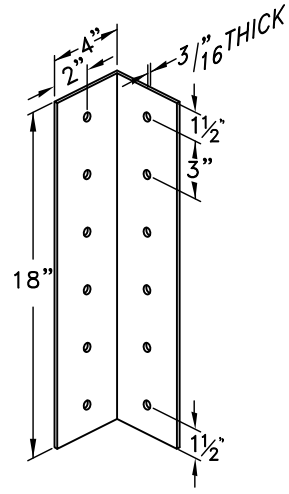
NO SCALE	APRIL 2014	NO. 618



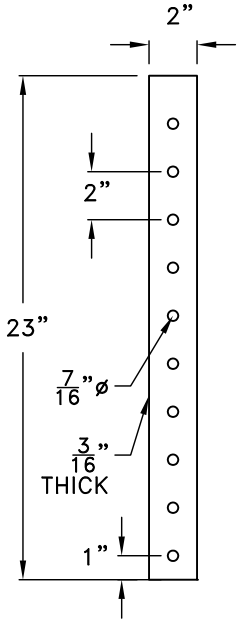
ELEVATION



PLAN



BRACKET DETAIL



BACKING PLATE DETAIL

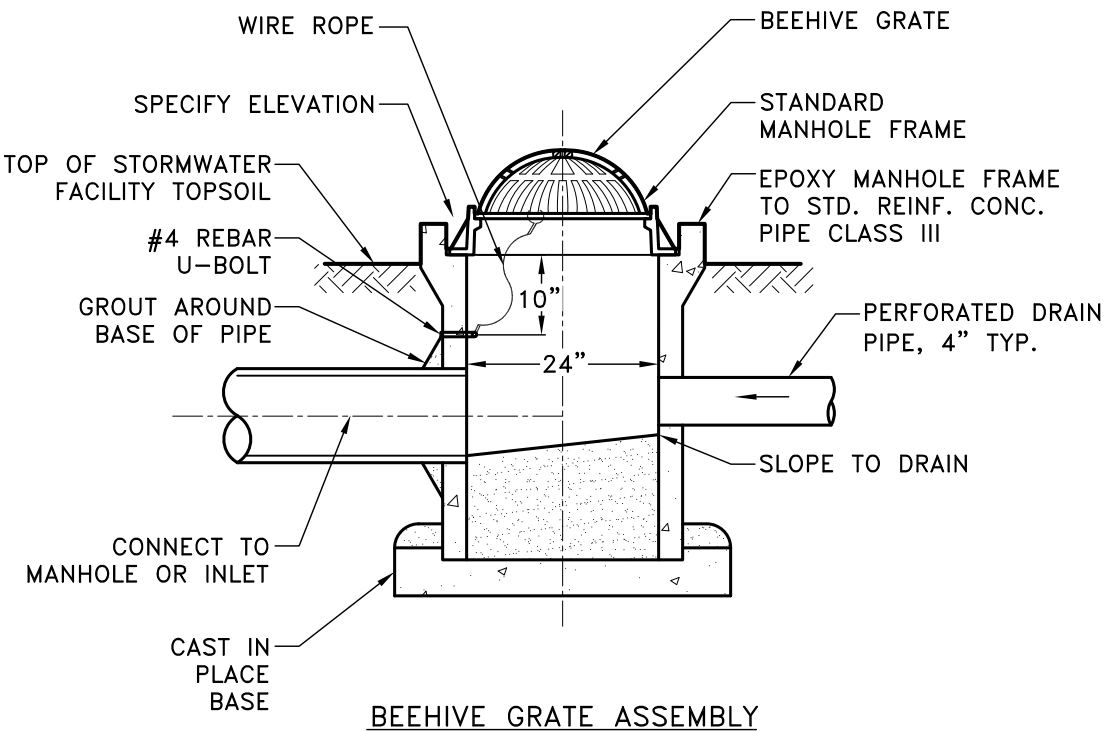
NOTES

1. LUMBER TO BE A NATURALLY ROT–RESISTANT WOOD (E.G. CEDAR, ETC.). MANUFACTURED PRODUCTS CAN BE USED WITH APPROVAL. NO CHEMICALLY TREATED WOOD WILL BE ALLOWED.
2. ALL FASTENERS TO BE STAINLESS STEEL OR ALUMINUM.
3. 4" X 4" X 18" ANGLE BRACKET TO BE MADE OF MIN. 3/16" STAINLESS STEEL, OR ALUMINUM.
4. TOP OF BRACKET TO BE NO HIGHER THAN TOP OF CHECK DAM.
5. MIN. 3 BOLTS TO CONCRETE, MIN. 2 BOLTS PER BOARD. USE 5/16" DIA. BOLTS.
6. FOR LINED FACILITIES USE, COLUMN DETAIL FROM DWG. 618 FOR STREET CURB SIDE.

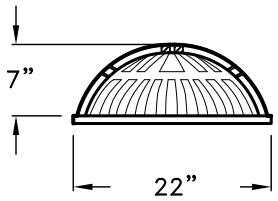
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT

WOOD CHECK DAM FOR PLANTER

NO SCALE	APRIL 2014	NO. 619



BEEHIVE GRATE ASSEMBLY



BEEHIVE GRATE

NOTES

1. WIRE ROPE TO BE 1/8" TO 3/16" STAINLESS STEEL, 7 STRANDS OF 19 WIRES.
2. SECURE GRATE IN PLACE WITH 54-INCHES OF WIRE ROPE. LOOP ENDS OF WIRE ROPE AROUND U-BOLT AND GRATE. CRIMP EACH END OF WIRE ROPE WITH 3" OVERLAP.
3. DRILL 2" DEEP HOLES INTO PIPE AND EPOXY #4 REBAR U-BOLT (2"X4") IN HOLES.
4. BEEHIVE GRATE: SEE STANDARD CONSTRUCTION SPECIFICATION.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
BEEHIVE OVERFLOW INLET GRATE		
NO SCALE	APRIL 2014	NO. 620