N

Area 107,578 Sq. Ft.

Parking

Small Dog Area (60 X 90)

Catch and Release Pen

MAP NO. 18-12-27-10 TL 100

No Climb Fence

Water Line New

Existing Drinking Fountain

Existing Swale

Proposed Stormwater Swale

SENIOR CENTER

Parking

Handicapped

43'

6'

720 sq. ft. Swale

Gravel

120'

170'

18'

42'

Handicapped

90'

60'

20'

Singing Pines Park

280'

140'

Future 12 x 20 covered area

31'

75'

10'

PUMP STATION

LIGHT POLE

Proposed Sidewalk

AIRPORT ROAD

KINGWOOD STREET

Existing Swale

Blacktop

Dog Fountains

SHRUBS

50'   6'   25'

200'

Bike rack for 5 bikes

LIGHT POLE

Proposed Sidewalk

Dog Park Area 44,091 sq. ft.

LIGHT POLE

ELEVATION 41.04'

ELEVATION 40.25'

SENIOR CENTER
BIO-SWALE

OVER FLOW

6'

GROWING
MEDIUM

ARMOR END OF
PIPE WITH ROCK

DRAIN ROCK
AS REQUIRED

CURBSIDE - SIDEWALK APRON FOR 5' WALKS

DRIVEWAY/ALLEY
ADJUSTMENT

DRIVEWAY OR ALLEY

ISOLATION JOINTS

BROOM PATTERN

FULLY DEPRESSED

SIDEWALK

50:1

12:1

50:1

12:1

50:1

5'

6'

1/2" LIP

6'

CURB CUT LENGTH

CURB & GUTTER

SLOPE:
50: 1 (2%)
12: 1 (8%)

NOTES:
1. ALL CONCRETE SHALL BE 6" INCH
   MINIMUM THICKNESS OF 3,000
   psi. FIELD STRENGTH
2. ADD JOINT IN CENTER OF APRON
   AND CURB & GUTTER WHEN APRON
   WIDTH EXCEEDS 20' FT.
3. ALL SLOPES ARE RELATIVE TO
   HORIZONTAL.
4. IF THE APRON WILL ALSO SERVE AS
   A SIDEWALK ACCESS RAMP IN PLACE
   OF A STANDARD RAMP, THE APRON
   SLOPE FROM THE GUTTER TO THE
   SHALL BE 12: 1 OR LESS WITH NO LIP.

CITY OF FLORENCE
STANDARD DRAWING

DRIVEWAY AND
ALLEY APRON
5' CURBSIDE
SIDEWALK

DATE:
9-22-11

DRAWING NO.
F-208b

5 FT MIN, 12 FT MAX

3:1 MAX.
SIDE SLOPES
(TYP.)

2 FT
FLAT BOTTOM

OVERFLOW
ELEVATION

1'
MIN.

FOR PARKING LOTS,
TIRE STOPS OR
CURBS W/CUTS

12"x12" CLEAR FLOW
AREA AT CUTOUTS

2"

6"-12" (SEE NOTE 2B)

18"

GROWING
MEDIUM

DRAIN ROCK
AS REQ'D

12" (SEE NOTE 6)

FILTER FABRIC,
SEE NOTE 7

SEE SW-150 FOR PIPING
CONFIGURATION.

NATIVE SAND SUBGRADE
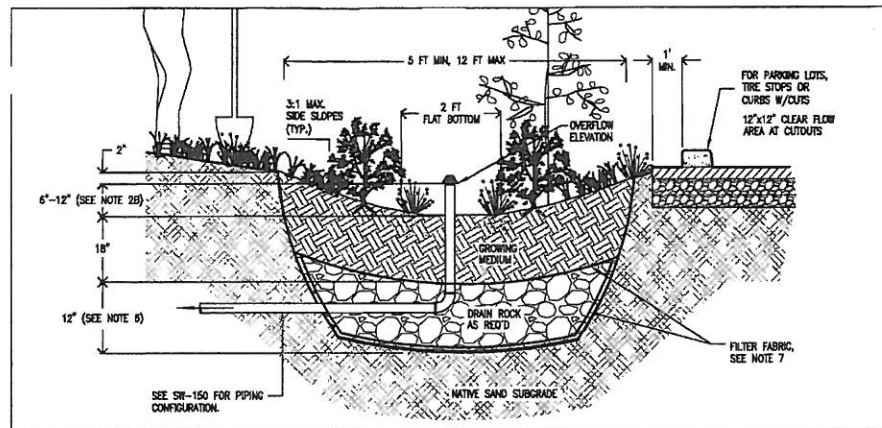
1. Provide protection from all vehicle traffic, equipment staging,
   and foot traffic in proposed infiltration areas prior to, during,
   and after construction.

2. Dimensions:
   a. Width of swale: 5' - 12'.
   b. Depth of swale (from top of growing medium to
      overflow elevation); Simplified: 9"; Presumptive:
      6"-12".
   c. Longitudinal slope of swale: 6.0% or less.
   d. Flat bottom width: 2'.
   e. Side slopes of swale: 3:1 maximum.

3. Setbacks (from centerline of facility):
   a. Infiltration swales must be 10' from foundations and
      5' from property lines.
   b. Flow-through swales shall be lined with connection
      to approved discharge point according to SWDM
      Section 2.1.

4. Overflow:
   a. Overflow required for Simplified Approach
   b. Inlet elevation must allow for 2" of freeboard,
      minimum.
   c. Protect from debris and sediment with strainer or
      grate.

5. Piping: shall be ABS Sch.40, cast iron, or PVS Sch.40. 3"
   pipe required for up to 1,500 sq ft of impervious area,
   otherwise 4" min. Piping must have 1% grade and follow the
   Uniform Plumbing Code.

6. Drain rock:
   a. Infiltration swale: None required
   b. Size for flow-through swale: ¾" washed
   c. Depth for Simplified and Presumptive: 12"

7. Separation between drain rock and growing medium:
   Use filter fabric.

8. Growing medium:
   a. 18" minimum
   b. See Appendix B for specification.

9. Vegetation: Follow landscape plans otherwise refer to plant
   list in SWDM Appendix G. Minimum container size is 1
   gallon. # of plantings per 100sf of facility area:
   a. Zone A (wet): 115 herbaceous plants OR 100
      herbaceous plants and 4 small shrubs.
   b. Zone B (moderate to dry): 1 tree AND 3 large
      shrubs / small trees AND 4 small shrubs AND 140
      groundcover plants.
   The delineation between Zone A and B shall be either at the
   outlet elevation or the check dam elevation, whichever is
   lowest.

10. Waterproof liner: Shall be 30 mil PVC or equivalent for
    flow-through facilities.

11. Install washed pea gravel or river rock to transition from
    inlets and splash pad to growing medium.

12. Check dams: Shall be placed according to facility design.
    Refer to SW-340 for profile and spacing.

13. Inspections: Call City of Florence Public Works
    (541) 997-4106 to schedule appropriate inspections.

- DRAWING NOT TO SCALE -

STORMWATER MANAGEMENT MANUAL TYPICAL DETAILS

CITY OF FLORENCE
PUBLIC WORKS DEPARTMENT

- Simplified / Presumptive Design Approach -

Swale

NUMBER

SW-120

DATE: 11-30-10

SCALE
AS SHOWN

DRAWING NUMBER
C2

SHEET NUMBER
2 OF 2

MAY 2012

PLAN & PROFILE

CITY OF
FLORENCE, OREGON

DOG PARK

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2"-SCALE ACCORDINGLY)

FILE

FILE

DRAWN   RSM

DESIGNED   RSM

CHECKED

CHECKED

REVISIONS: