1. Post-developed storm water run-off of the proposed development area is collected via catch basins and roof downspouts. It is directed to the on-site storm detention system. Flow through a storm water quality and detention system, erected on a detention control structure and then discharged into Panoramic Creek.

2. See Construction Documents for Pond Grading Details and Planting Plans.

3. Trends of construction development conditions and material availability, leading a continuous deviation of project NGR/Contractor from the Contractor during construction.

4. Construction shall monitor the detention basin and adjust filter basin size based on dewatering needs. Dewatering basin may be adjusted to a maximum size of 30' x 30'.

5. Once the detention basin and outlet structure are installed along with permanent stabilization, then dewatering may be routed to this basin.

Note: There are no required water intakes or sumps in the 100-year floodplain for the proposed detention pond. Consider long-term functionality impacts if the feature will be used in post-construction stormwater management.
CONSTRUCTION NOTES

1. DISCHARGE OF CONSTRUCTION DEWATERING TO WATER CONDUIT AND FOUNDATION WORK IN THIS AREA. CONTRACTOR TO PROVIDE PUMP AND HOSE SYSTEM FOR DEWATERING. CONTRACTOR SHALL MONITOR DEWATERING AND ADJUST FILTER BASIN SIZE BASED ON DEWATERING NEEDS. DEWATERING BASIN MAY BE ADJUSTED TO A MAXIMUM SIZE OF 30' X 30'.

2. AREA OF NO PROPOSED DISTURBANCE

3. INSTALL NEW STORM, SANITARY, WATER AND OTHER UTILITIES PER APPROVED PERMIT DRAWINGS

4. SEE CONSTRUCTION DOCUMENTS FOR POND GRADING DETAILS AND PLANTING PLANS

5. TURBIDITY EQUALS 1.23 NTU.

6. INSTALL WATER CONDUIT AND FOUNDATION WORK IN THIS AREA. CONTRACTOR TO PROVIDE PUMP AND HOSE SYSTEM FOR DEWATERING. CONTRACTOR SHALL MONITOR DEWATERING AND ADJUST FILTER BASIN SIZE BASED ON DEWATERING NEEDS. DEWATERING BASIN MAY BE ADJUSTED TO A MAXIMUM SIZE OF 30' X 30'.

7. POST-DEVELOPED STORM WATER RUN-OFF FROM THE PROPOSED DEVELOPMENT AREA IS COLLECTED VIA CATCH BASINS AND ROOF DOWNSPOUTS. IT IS DIRECTED TO A ON-HIGHway DETENTION POND. EROSION & STORM WATER QUALITY AND DETENTION POND, DRAINAGE AND SEDIMENT CONTROL BASIN ARE THEN DUMPED INTO POND INLET.

8. TURBIDITY EQUALS 1.23 NTU.
DISCHARGE OF CONSTRUCTION DEWATERING FROM UTILTIES TRENCHES AND FOUNDATION WORK IN THIS AREA. CONTRACTOR TO PROVIDE PUMP AND HOSE SYSTEM FOR DEWATERING. DURING CONSTRUCTION CONTRACTOR SHALL MONITOR DEWATERING AND ADJUST FILTER BASIN SIZE BASED ON DEWATERING NEEDS. DEWATERING BASIN MAY BE ADJUSTED TO A MAXIMUM SIZE OF 30' X 30'.
**Erosion and Sediment Control Details**

**FILTER BAG**

Do not use High Flow Insert Bags.

**FILTER BAGS - TEMPORARY**

For further information, refer to Chapter 5 of Clean Water Act and Portland Planning and Design Manual.

**SOIL STOCKPILE DETAIL**

Minimum 12" overlap of all seams required.

**TERMINATION FENCE**

1. Minimum 12" overlap of all seams required.

2. Barriers required @ toe of slope.

3. Covering maintained tightly and attached to fence posts.

4. Plastic to extend minimum 1' beyond toe of slope.

5. Plastic to extend minimum 1' beyond toe of slope.

6. Plastic to extend minimum 1' beyond toe of slope.

7. Plastic to extend minimum 1' beyond toe of slope.

8. Plastic to extend minimum 1' beyond toe of slope.

**CONTROL NOTES**

1. Minimum 12" overlap of all seams required.

2. Barriers required @ toe of slope.

3. Covering maintained tightly and attached to fence posts.

4. Plastic to extend minimum 1' beyond toe of slope.

5. Plastic to extend minimum 1' beyond toe of slope.

6. Plastic to extend minimum 1' beyond toe of slope.

7. Plastic to extend minimum 1' beyond toe of slope.

8. Plastic to extend minimum 1' beyond toe of slope.

**NOTES:**

- Use 8" wire 'U' to secure fence bottom.
- Secured to a depth of NO LESS THAN 1/3 the total height of post.
- Minimum 2" steel U channel or 2" x 2" timber, 6' in length.
- 1' minimum.
- Subgrade reinforcement as required.
- Minimum 6" cleaning to remove all debris.
- 4" of clay may be maintained in bottom of bag.
- Ditch strap and expansion restraint (1/4" nylon rope, 2" flat washer).
- Concrete of washout to contain.
- Concrete to contain excess from inlet.
- Bag removal.
- Concrete to contain silt.
- 9' by 9' minimum to contain concrete.
- Regular flow only.
- 2" by 3' minimum at bottom.
- 2% slope from existing grade.
- Rip rap to extend beyond toe of slope.
- 3'-6" rock with a minimum 8" depth.
- Greening required.
- Geotextile, as required.
- Subgrade reinforcement.
- 2'-0" (max) perimeter berm may be used for excavated material.
- Catch basin.
- 36" minimum.
- Silt sack
- Rope, 2" flat washers.
- See plan view.
- Not to scale.
- 8" (max) concrete area.
- 1'-6" thickness x 5'-0" wide x 10'-0" long layer of class 100 rip rap per section 02330 of Oregon DOT.
- 12" minimum depth.
- 6''-3'' clean pit run rock.
-土袋
- 可携式可重复使用容器。
- 必须在使用前进行准备和使用
- 在坡脚以外的区域。