CONTRACTOR NOTES:

1. REFER TO ARCHITECTURAL AND/OR LANDSCAPE PLANS FOR PLANT WORK, BRICKWORK, CONCRETE, CURB, LIVESTOCK FENCES, OTHER EXTERIOR FEATURE REQUIREMENTS.

2. CONTRACTOR TO EY OBTAIN ANY PERMITS FOR ANY AND ALL WORK WITHIN PUBLIC RIGHT OF WAY.

3. CONTRACTOR SHALL OBTAIN PERMITS PRIOR TO ANY DUGOUT, GRADING OR TREE REMOVAL.

4. CONTRACTOR SHALL PROVIDE AND MANUFACTURER APPROVED EXPANSION joint SETTLEMENT CONTROL JOINTS, MORTIZED DURING MANUFACTURING OR LOCAL JURISDICTION - REFER TO DESIGN CONSTRUCTION PLAN.

5. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF THE NEED FOR ANY AND ALL INSTALLATION OF ADJUSTABLE OR EXTERNAL JOINTS, EXPANSION JOINTS, OR OTHER JOINTS.

6. CONTRACTOR SHALL TAKE CARE TO USE A BUILDERS LEVEL OR SURVEYING STAFF TO BE TRUE, ALL MASONRY, PLANT AND LANDSCAPING PERFORMED IN CONFORMITY WITH PLANS AND SPECIFICATIONS.

7. CONTRACTOR TO AVOID INSTALLATION OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY LA & BRAKE ENGINEERING OF ANY OBSTRUCTIONS.

8. ANY DEVIATIONS FROM SPECIFIED PLANS, SPECIFIC MANUFACTURER'S PRODUCTS OR SYSTEMS INSTALLATION METHODS MUST BE PRE-APPROVED BY LA & BRAKE ENGINEERING PRIOR TO INSTALLATION.
NOTES:
1. ALL REFERENCES TO CLASSES I OR II MATERIAL ARE FOR NON-USE "STANDARD PRACTICE FOR INSTALLATION OF TRANSVERSE PIPE FOR SEWERS AND OTHER HEAVY FLUID APPLICATIONS" LATEST EDITION AND THE MANUFACTURERS PUBLISHED INSTALLATION GUIDELINES.
2. MATERIALS USED SHOULD BE APPROVED BY THE ENGINEER AND DESIGNER.
3. ALL TRENCHES TO BE EMBEDDED IN THE BASEMENT MATERIAL.
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TYPICAL RETENTION SYSTEM DETAILS

SECTION A-A

PLAN VIEW

SECTION A-A

STORAGE PIPE

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SECTION A-A

C-7
Erosion Control Measures:

1. Erosion control measures shall be installed prior to the start of grading operations and construction.

2. Erosion control measures shall be maintained throughout the rainy season or from October 1st through April 15th, whichever is later, until the project is substantially complete.

3. All erosion control measures shall be maintained throughout the rainy season or from October 1st through April 15th, whichever is later, until the project is substantially complete.

PERIODIC MAINTENANCE:

1. Maintenance is to be performed as follows:

   A. Dams and dikes shall be inspected periodically and maintained as necessary.

   B. Walls and levees shall be inspected periodically and maintained as necessary.

   C. Drainage control structures and devices shall be inspected periodically.

   D. Erosion control measures shall be inspected periodically and maintained as necessary.

   E. Erosion control measures shall be inspected periodically and maintained as necessary.

   F. Fill and fillers shall be carried out.

   G. Gravel and fill protection shall be provided where necessary.

   H. Sediment and water shall be controlled.

   I. Straw rolls shall be removed where necessary.

   J. Stabilization blankets shall be removed where necessary.

   K. See Erosion Control Measures.

REFERENCES:


INLET PROTECTION

EXISTING TREE PROTECTION DETAIL

SEDIMENTATION BASIN

CONSTRUCTION ENTRANCE

STRAW ROLLS

STRAIGHT ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STICKING OF THE ROLL IN A TRENCH. ROLL IS UPRIGHT, BUT ON CONTACT, ROLL MUST NOT BE ALLOWED TO ROLL UNDER OR AROUND ROLL.

CONTRACTOR IS RESPONSIBLE FOR REGULAR MAINTENANCE AND INSPECTION. THE SILT SHALL BE CLEANED OUT WHEN IT REACHES HALF THE HEIGHT OF THE ROLL.
Pollution Prevention — It's Part of the Plan

Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.

Materials storage & spill cleanup

Vehicle and equipment maintenance & cleaning
- Inspect vehicles and equipment for leaks. Do not transport spills until they are contained and treated.
- Fuel and maintenance materials are to be stored in a secured area or newsprint that is big enough to prevent rainfall.
- Do not store tank cleaning contractors or equipment on site. Clean with water. If a tank is to be stored on site, it must be a tank that is not a storage tank. Water may be run into gutters, storm drains, creeks, or oceans.
- Do not store vehicles or equipment on or near site. Sites used for fueling should be kept clean and free of debris.

Hazardous materials management
- Label fuels, fuels, and hazardous material waste such as petroleum products, paint, thinners, solvents, dust, oils, and antifreeze in accordance with Title 22, N.C. 14 regulations.
- Store hazardous materials and waste in secondary containment and cover them during the day.
- Follow manufacturer’s application instructions for hazardous materials and use as needed to use no more than necessary.
- Do not apply chemicals outdoors when rain is forecast or expected.
- Be sure to arrange for appropriate disposal of all hazardous waste.

Spill prevention and control
- Keep a stock of spill cleanup materials (drums, absorbents, etc.) available at the construction site and at all times.
- When spills or leaks occur, contain them immediately and then particularly care for any vehicles leaking fluids on the street. Do not use absorbent on streets.
- Report any hazardous materials spills immediately. Call 911 or your local emergency number.

Earthwork & contaminated soils
- Keep excavated soil on the site where is is likely to collect in the street. Transfer to a drop site should take place in the street where it is least likely to be collected.
- Use say, fill, fill, fill, or other control measures to minimize the return of soil on the site.
- Avoid scheduling spilling activities during the construction phase. If gravel or other materials are allowed by your permit, be sure to implement all control measures necessary to prevent erosion.
- Avoid sediment in the bottom of the control system. Minimize disturbance of existing vegetation, wherever possible.
- When disturbed or exposed, keep them covered with a sheet of plastic, especially at night. Keep sheet closed and clean.
- Use a sealant to stop gaps. If a site is on a slope or is exposed to the elements, use a sealant to stop gaps. Keep site closed and clean.

Dewatering operations
- Avoid water for foot control, vegetation, or other necessary purposes to the greatest extent possible.
- If the site is a dry, soil dewatering device should be placed in the gutters, storm drains, creeks, or oceans.
- Do not clean equipment or other operations on or near the site. Sites used for fueling should be kept clean and free of debris.

Concrete, grout, and mortar storage & waste disposal
- Be sure to place concrete, grout, and mortar under cover and kept from drainage areas. Sites must never remain a storage area.
- Wash out concrete equipment trucks or equipment on site or designate an area where water will not run into dry or eject temporary pond in a drain area. Let water settle into the soil and dispose of hardened concrete with trucks.

Saw cutting
- Avoid completely clean saws or boards that have been used to cut concrete are used to cut concrete are used to cut concrete.
- Avoid all wood chippings or sawdust or mulch or any waste from the site.
- If saw dust is not collected, it should be cleaned immediately.

Paving/asphalt work
- Do not spray asphalt onto the street or from a construction site.
- Avoid concrete dust or chips or other materials on the street.
- Protect in equipment, drug, waste, or traffic.
- Collect waste and return it to the container or disposal site.
- Do not use water to wash down asphalt concrete pavement.

Painting
- Always clean paint brushes and equipment at the street.
- Avoid using water-based paint before cleaning brush, rollers, or containers in a sink. If you clean the sink, use a clean, flat washer to wash the paint and return it to a container.
- If paint is not used, store and return it to the paint container or disposal site.
- If paint is not used, store and return it to the paint container or disposal site.

Storm drain polluters may be liable for fines of up to $10,000 per day!