

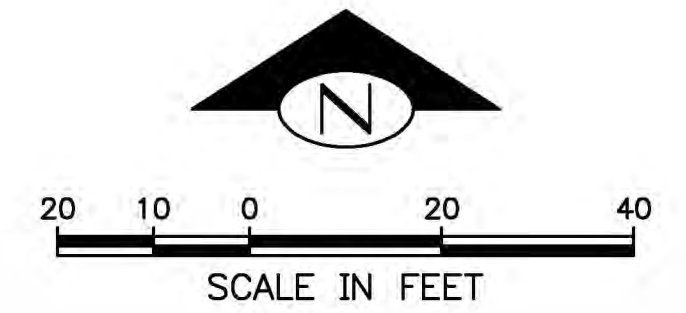


# SAMPLE WATER MAIN CSEC PLAN

## CURB AND GUTTER ROADWAY, NO GROUNDWATER

### STRAW WATTLE NOTES:

1. WATTLES SHALL BE IN ACCORDANCE WITH COS STANDARDS. INSTALL WATTLES ALONG CONTOURS.
2. SECURELY KNOT EACH END OF WATTLE. ABUT ADJACENT WATTLES TIGHTLY, END TO END, WITHOUT OVERLAPPING THE ENDS.
3. PILOT HOLES MAY BE DRIVEN THROUGH THE WATTLES AND INTO THE SOIL WHEN SOIL CONDITIONS REQUIRE.
4. LIVE STAKES MAY BE USED FOR PERMANENT INSTALLATION AND SHALL BE IN ACCORDANCE WITH COS STANDARDS.
5. WATTLES SHALL BE INSPECTED REGULARLY, AND IMMEDIATELY AFTER A RAINFALL PRODUCES RUNOFF, TO ENSURE THEY REMAIN THOROUGHLY ENTRENCHED AND IN CONTACT WITH THE SOIL.
6. PERFORM MAINTENANCE IN ACCORDANCE WITH COS STANDARDS.



### REMOVAL AND DEMOLITION LEGEND:

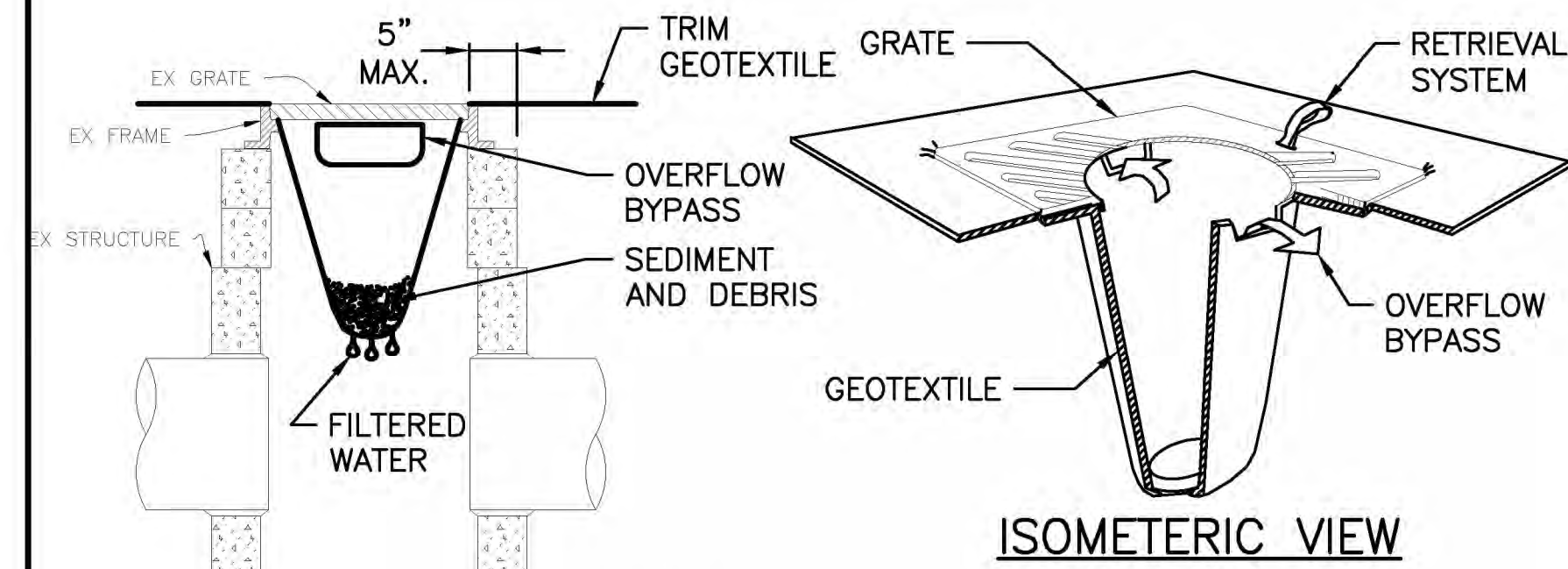
- SAW CUT CEMENT CONCRETE FULL DEPTH PER SECTION 2-02.3(6)
- REMOVE ASPHALT OVERLAY (R.A.O.) PER SECTION 2-02.3(B)
- PIPE TO BE REMOVED BY SPU
- REMOVE RIGID PAVEMENT PER SECTION 2-02.3(C)
- CB PROTECTION
- COMPOST SOCK

### COMPOST SOCK NOTES:

1. COMPOST SOCK SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 9.14.4(9). COMPOST SOCK SHALL BE A MINIMUM OF 10" IN DIAMETER OR SIZED TO SUIT CONDITIONS AS SPECIFIED BY THE ENGINEER.
2. ALWAYS INSTALL COMPOST SOCK PERPENDICULAR TO SLOPE AND ALONG CONTOUR LINES.
3. REMOVE SEDIMENT FROM THE UP SLOPE SIDE OF THE COMPOST SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE COMPOST SOCK.
4. MAY BE USED IN PLACE OF FILTER FENCE FOR PERMITTER CONTROL.

### COMPOST SOCK NOTES:

SLOPE	MAXIMUM SPACING
1:1	10'-0"
2:1	20'-0"
3:1	30'-0"
4:1	40'-0"

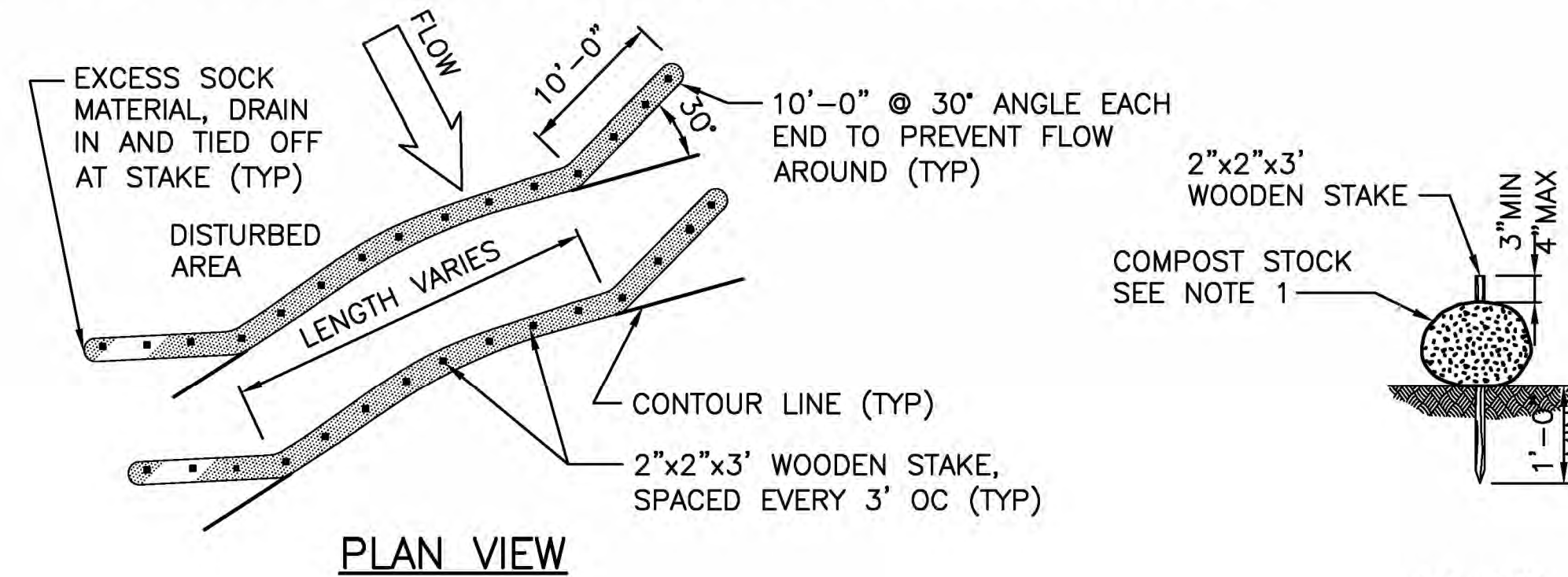


ISOMERIC VIEW

CROSS SECTION

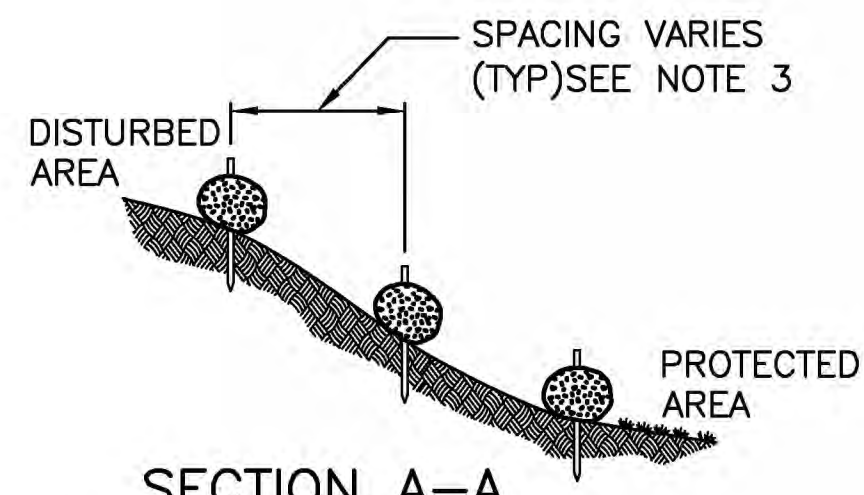
### NOTES:

1. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3 (12B).
2. SIZE THE BELOW GRATE INLET DEVICE (BGID) FOR THE STORM WATER STRUCTURE IT WILL HAVE SERVICE.
3. THE BGID SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
4. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BGID WITHOUT SPILLING THE COLLECTED MATERIAL.



PLAN VIEW

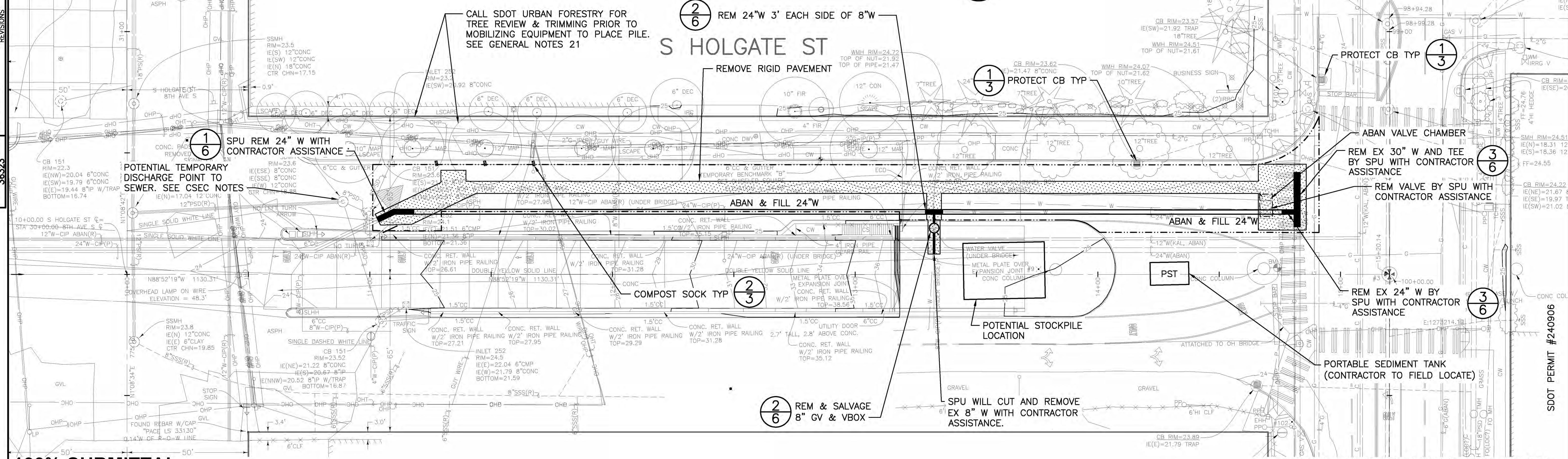
DETAIL



SECTION A-A  
(SHOWN AS SLOPE PROTECTION)

**STORM DRAIN CB PROTECTION** 1/3

**COMPOST SOCK/STRAW WATTLES** 2/3



**100% SUBMITTAL**

**CSEC AND DEMOLITION PLAN**

APPROVED FOR ADVERTISING  
NANCY LOCKE  
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES  
SEATTLE, WASHINGTON 20

NAME OR INITIALS AND DATE	INITIALS AND DATE	
	DESIGNED:	CONST.
DESIGNED CHECKED	SDOT	PROJ. MGR.
DRAWN CHECKED	JLA	RECEIVED
		REVISED AS BUILT

**Seattle Public Utilities**  
City of Seattle  
Ray Hoffman, Director

ORDINANCE NO. \_\_\_\_\_  
FUND: \_\_\_\_\_  
SCALE: 1"=20'

APPROVED  
INSPECTOR'S BOOK

JOB NO. \_\_\_\_\_  
PC R/W CO  
VAULT PLAN NO. \_\_\_\_\_  
SHEET 1 OF 1

By: \_\_\_\_\_  
PURCHASING & CONTRACTING SERVICES DIRECTOR

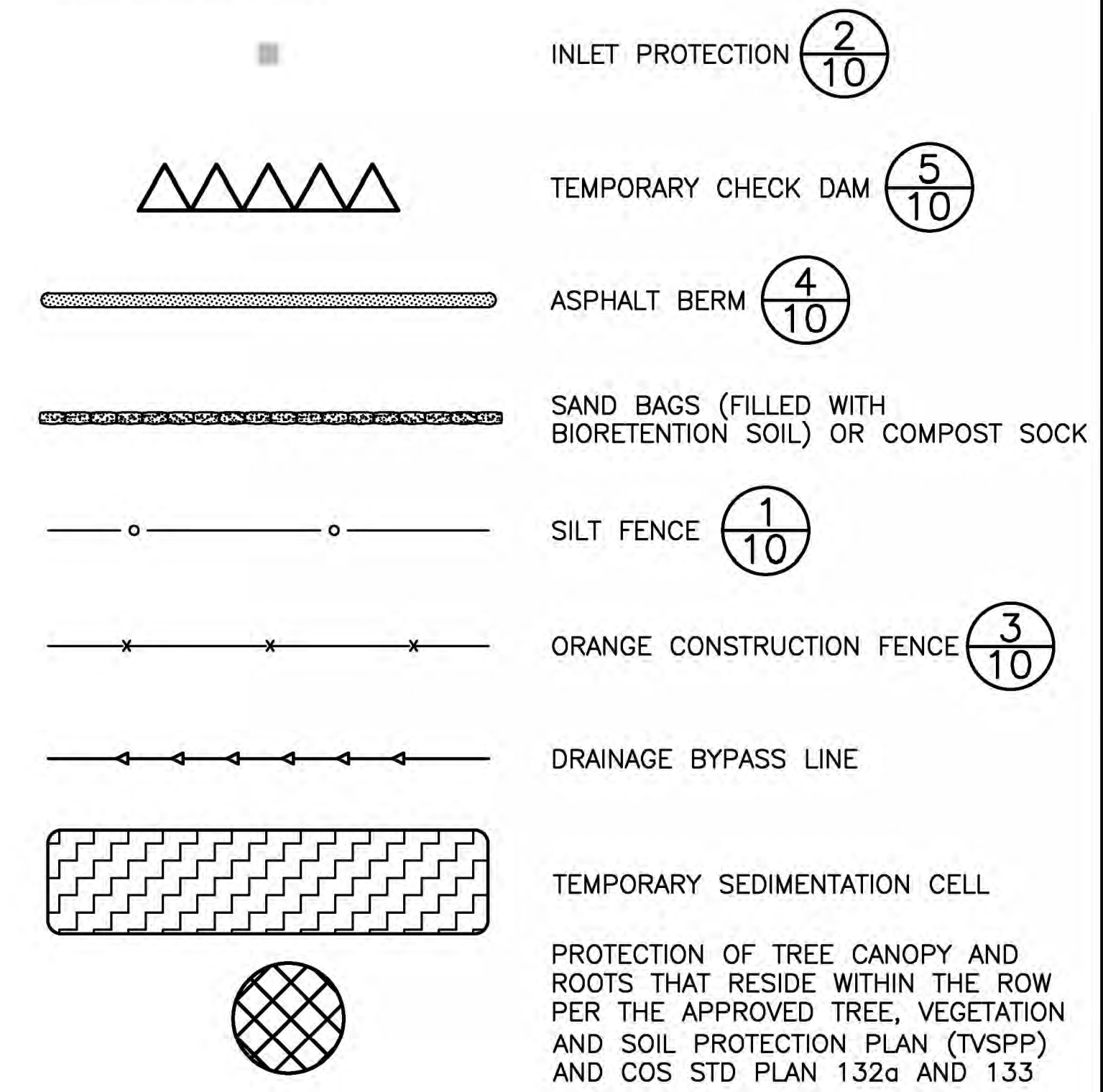
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

SDOT PERMIT #240906

# SAMPLE BIORETENTION CSEC PLAN

## (DITCH & CULVERT, NO CURB OR GUTTER)

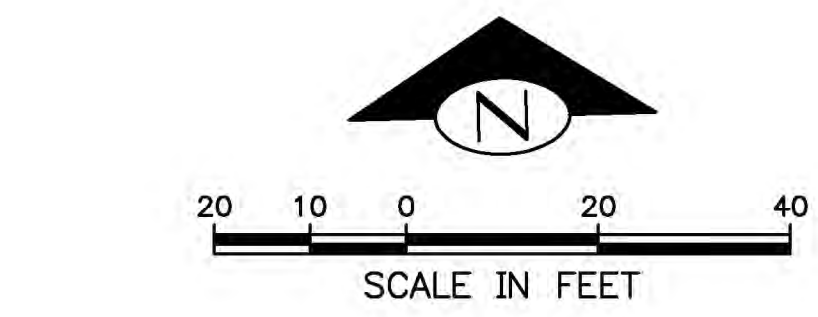
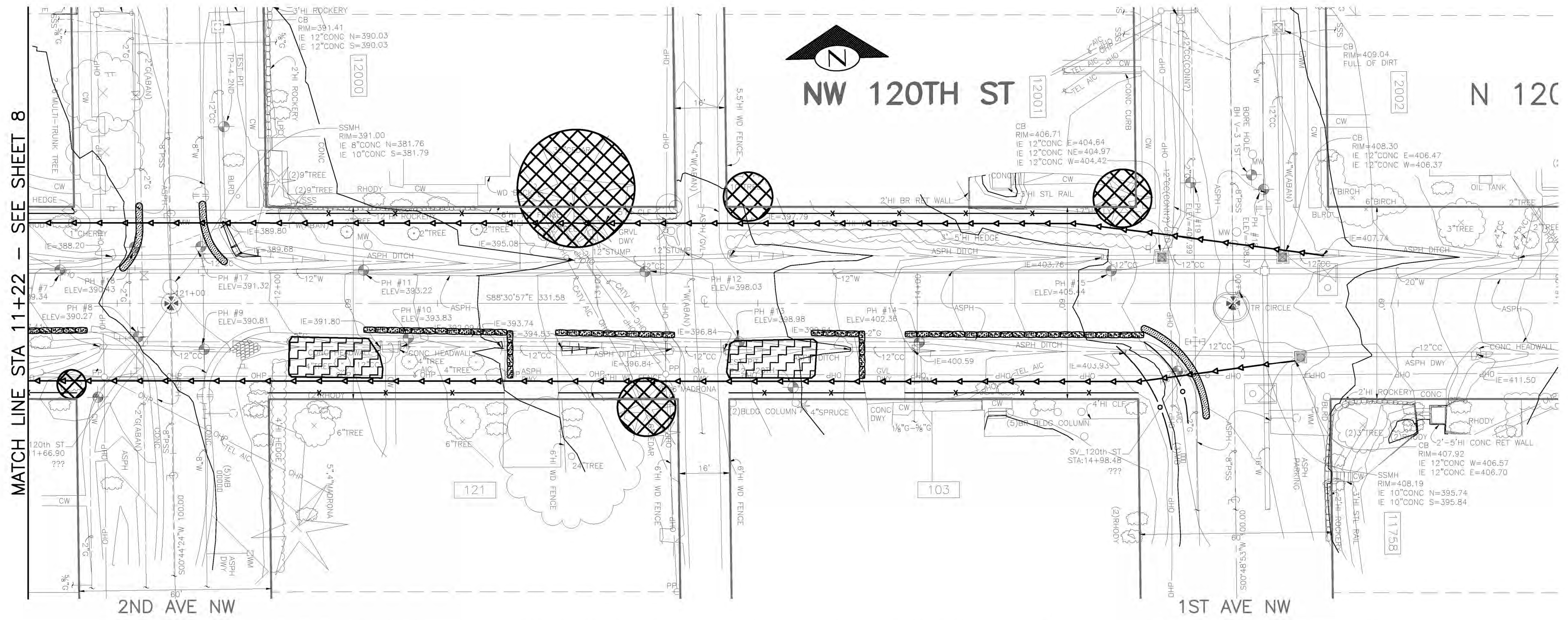
**CSEC LEGEND:**



**CSEC NOTES:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT EROSION, CONTROL SEDIMENTATION, AND SHALL BE PROHIBITED FROM DISCHARGE OF SEDIMENT-LADEN RUNOFF BEYOND THE CONSTRUCTION LIMITS OF THIS PROJECT.
2. THE CONTRACTOR SHALL SUBMIT AT THE PRE-CONSTRUCTION MEETING THE CONSTRUCTION STORMWATER POLLUTION PREVENTION SUBMITTALS PER SPECIFICATION SECTIONS 1-05.13(3), 8-01.3(2) AND SCHEDULE PER SECTION 1-08.3, WHICH INCLUDE:
  - CONSTRUCTION STORMWATER AND EROSION CONTROL PLAN (CSECP)
  - TREE, VEGETATION AND SOIL PROTECTION PLAN (TVSPP)
  - SPILL PREVENTION PLAN (SPP)
  - TEMPORARY DISCHARGE PLAN (TDP)
3. PROTECTION AND RESTORATION OF BIORETENTION CELLS:
  - A. PROTECT ALL BIORETENTION CELLS (EXCEPT THOSE DESIGNATED AS TEMP SEDIMENTATION CELLS) FROM ACCUMULATING SEDIMENT. IF BIORETENTION CELLS ACCUMULATE SEDIMENT DURING CONSTRUCTION, RESTORE THE CELLS TO THEIR FULLY FUNCTIONING CONDITION AS DIRECTED BY THE ENGINEER. RESTORING THE BIORETENTION CELL MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION SOILS, EXCAVATION TO 3" MIN BELOW THE BOTTOM OF ANY CELLS AND REPLACE BIORETENTION SOILS TO THE PROPOSED GRADE.
  - B. PREVENT COMPACTING BIORETENTION SOIL IN THE CELLS BY EXCLUDING CONSTRUCTION EQUIPMENT AND MINIMIZING FOOT TRAFFIC FROM THE BIORETENTION CELL AREA THAT ARE UNDER CONSTRUCTION OR ARE COMPLETED. IF BIORETENTION CELLS ARE COMPACTED, RESTORE THE CELLS TO A FULLY FUNCTIONING INFILTRATION CONDITION AS DIRECTED BY THE ENGINEER BY OVER-EXCAVATING THE COMPACTED AREA AND PLACING THE BIORETENTION SOIL IN AN UNCOMPACTED STATE.

VAULT SERIAL NO.	DATE	MARK	NATURE
36124			
			MADE CHKD REVD



MATCH LINE STA 11+22 - SEE SHEET 8

SDOT\SIP NO. 152653

(FOR INFORMATION ONLY)

REVIEWED BY SPU/WATER ENGINEERING ..... 20..... REVIEWED BY SPU/DRAINAGE ..... 20..... APPROVED BY SDOT STREET IMPROVEMENT PERMITTING ..... 20.....	APPROVED FOR ADVERTISING NANCY LOCKE DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 By: _____ PURCHASING & CONTRACTING SERVICES DIRECTOR	NAME OR INITIALS AND DATE DESIGNED _____ CHECKED _____ DRAWN _____ CHECKED _____	INITIALS AND DATE REVIEWED: _____ DES. _____ CONST. _____ SDOT _____ PROJ. MGR. _____ RECEIVED _____ REVISED AS BUILT _____	City of Seattle Ray Hoffman, Director APPROVED _____ INSPECTOR'S BOOK	PC R/W CO VAULT PLAN NO. SHEET 1 OF 1
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

