## ESCP GENERAL NOTES



为












13. APMYY








20.










 Soll
 Appoin isiosililitisime









 CRas.
34.









SITE INFORMATION



promect tita areas

5. Ofssit puelicmerieweri ieai
. onstr siol irpess sir clar loam,

b)

D)

CUT AND FIIL DATA:
-CUT:
-NET:
-NJUUSTED:

BMP MATRIX FOR CONSTRUCTION PHASE

| BMP MATRIX FOR CONSTRUCTION PHASE |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $1200-C$ PHASES | PHASE 1 |  | PHASE 2 | PHASE 3 | PHASE 4 |
| PHASEIBMP | clearing | Mass grading | UTILITY CONSTRUCTION | VERTICAL <br> ONSTRUCTION | $\begin{gathered} \text { FINAL } \\ \text { STABILIZATION } \end{gathered}$ |
| EROSION PREVENTION |  |  |  |  |  |
| Ground cover | x | x | x |  |  |
| PLastic sheting | x | x | x |  |  |
| DUst control | X | X | X |  |  |
|  |  | X | X | X |  |
| Permanent ttabluzation |  |  |  |  | x |
| Buffer zone (from ravine) | x | X | x | x |  |
| SEDIMENT CONTROL |  |  |  |  |  |
| sEodment fence (PERMETRR) | x | x | x | x | x |
| SEDMENT FENCE (INTERIOR) | x |  |  |  |  |
| straw watres | X | X | X | X |  |
| InLet Protection |  |  | X | X |  |
| dewatering |  | X | X |  |  |
| RUN OFF CONTROL |  |  |  |  |  |
| Constructionentrance | X | X | X |  |  |
| Existing outiet protection |  |  |  |  |  |
| New OUTLET PROTECTION |  | X | X | X | X |
| Existing curb nlet check dams |  |  |  |  |  |
| POLLUTION PREVENTION |  |  |  |  |  |
| hazard Waste management |  |  |  | x |  |
| splu kit onste |  |  |  | X |  |
| CONCRETE WASHOUT AREA | X | X | X | X |  |


| STIE CONDITION | MINIMUM INSPECTION FREQUENCY |
| :---: | :---: |
| ACtive Period | ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES WITHIN 24 HOURS OF ANY STORM EVENT INCLUDING RUNOFF FROM SNOW MELT, DISCHARGE FROM THE SITE. <br> ATLEASTONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING. |
|  |  |
|  |  <br>  Watebodr. |
| PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOF UNLIKELY DUE TO FROZEN CONDITIONS. |  |
| PERIODS DURING WHICH CONSTRUCTION <br> ACTIVITIES ARE CONDUCTED AND RUNOF UNLIKELY DURING FROZEN CONDITIONS. | VISUA Montorng IMsectivs MAY Be Reviced <br>  |

$\qquad$ OWNER/DEVELOPER SURVEYOR SITE CONTRACTOR

BMP
DESIGN ENGINEER INSTALLER/MAINTAINER: CESCL:

BMP
INSTALLER/MAINTAINER: ESCP PREPARER:
RAIN GUAGE:

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | $\bigcirc$ |  | Descriptlo Revision | A000 |

O) Stantec



General Sheet Notes
No unsupported finish slopes on stie.
L. Limit of Disturbance is it fitom Geotazard line, propenty line, or SEC-WR
$\square$ Sheet Keynotes
Instail Temporary sili Fence, See Deial 2 on Sheet 00-UU-50:
.nsta Orange Plastic Fence, See Detall 1 on Sheet $00-\mathrm{LU}$-510
Instal Gravel Construction Entrance, See Detail I on Sheet 00-LU-509
Install Wheel Wash, See Detall 3 on Sheet $00-\mathrm{LU}$-50
Protect Fence. Place Temporary silt Fence minimum 14 t fom existing

| Legend |  |
| :---: | :---: |
| ...- | Install Silt Fence (200-LU-509) |
| ---.....--- | Install Tree Protection Fence (1100-LU-510) |
| - | Straw Watles (270-LU-510) |
| $\cdots$ | Limit of Disturance |
| --........- | Geohazard |
| -------- | SEC Zone |
| $\square$ | Install Erosion Control Mating (4100-LU-509) |
| Foveriog | Install Construction Entrance (100-UU-509) |
| 87770 | Work Area |
|  | Stockplie Area (5100-LU-509) |
|  | Pipelines Project <br> Construction zone |
| 000000 | Laydown |
| $8 \times 8 \times 8$ | Drain Field |
| 27770 | $67 \%$ Excavation Cut Slope |
| 四 | Temporay Storm Pond |
| $\square$ | Flow Direction |
| 4 | Pipe Flow Direction |
|  |  |

O Stantec

|  | $]^{\text {mamme }}$ |  |
| :---: | :---: | :---: |
|  | \% | 으ㄴㅡㅡ를 |
|  |  | und |
|  |  | ceme |



$\frac{\text { Bull Run Filtration Facility }}{\text { Civil }}$
Civil Erosion Control
Construction lian
Filtation Facility






General Sheet Notes
Refer to filtration Facillty Stomwater Report (Appendix $H$.1)
for stormwater calculutions and sizing.
See 00-LU-506 (Grading Plan) for
$\square$ Sheet Keynotes

1. Drainage Ditch per detail B/00-LU-513
2. Storm Pipes
3. Underefrain Storm Pipe
4. Water Qually Swale per detall $\mathbf{C} 100-\mathrm{LL}-513$
5. Stormwater Planter per detail E/00-LU-513

Fow Control Mantenance Hole
Stormwater Basin per detail D/00-LU-513
10. Sepic Tank
11. Stllling Basin per detall A A00-LU-514

Legend

|  | Major |
| :---: | :---: |
| -\% | Soind |
|  |  |
|  |  |
| $\square$ |  |
|  |  |
|  |  |
| N15 | Detention Pond |
| \% | Stom Panaer |
|  | Swalepitch |
| 500 | Fow Spreader |


(1) Stantec

|  | $]^{\text {amences }}$ | Waming |
| :---: | :---: | :---: |
|  | \% | 으늘 |
|  | ${ }^{\text {comasmot }}$ |  |
|  | 1208120122 |  |




Bull Run Filtration Facility
Civil
$\substack{\text { Erosion Control } \\ \text { Stormwater Plan } \\ \text { Filtration Facility }}$
W02229





TREE PROTECTION NOTES
INSTALL TREE PROTECTION FENCING (TPF) PRIOR TO ANY GROUND DISTURBING
ACTVITY. INSPECTION AND APPROVALOF FENCING BY THE URBAN IRRESTRY AAREE INSPECTOR ISREQURED PROR TO COMMENCEMENT OF WORK, INCLUDING
TRQUIPMENTAND MATERIALS STAGING AND MOBILZATION
2. CALL (503) 823-TREE (8733) TO SCHEDULE THE TREE PROTECTION INSPECTION ONCE

NO ENTRY IS ALLOWED INTO TREE PROTECTION AREAS FOR THE DURATION OF THE PROJECT UNLESS PERMITTED BY THE CITY FORESTER
TREE PROTECTION FENCING SHALL NOT BE MOVED, ALTERED OR REMOVED
HROUGHOUT THE DURATION OF THE PROJECT
WHERE TREE ROOTS ARE ENCOUNTERED OR ANTICIPATED, EXCAVATION SHALL
BE COMPLETED WITH HAND TOOLS CAREFULLY WITHOUT DAMAGE (I.E. VAC TRUCK, AIR SPADE, ETC)
6. TREE ROOTS OVER 2-INCH DIAMETER MAY NOT BE CUT OR DAMAGED WITHOUTA INSPECTOR. CALL THE ASSIGNED TREE INSPECTOR OR 823-TREE (8733) FOR ROOT NSPECTOR. CALL THEASSIGNED TREE INPECTOR O
A. INSPECTION AND ISSUANCE OF A PERMIT MAY TAKE UP TO 48 HOURS
B. IF APRROVED, ROOTS MUST BE PROPERLY PRUNED USING APPROVED

FIELD ADJUSTMENTS OR ALTERNATIVE METHODS MAY BE NEEDED IF LARGE ROOT
ARE ENCOUNTERED. CONTACT THE ASSIGNED TREE INSPECTOR TO DISCUSS
TREES WITHIN THE LIMITS OF DISTURBANCE DESIGNATED TO BE PROTECTED WILL NOT BE REMOVED. CNTRACTOR I IIDRECTEETO TOMPLETE CUT AND FILL
OPERATIONS WITH CARE NEXT TO THESE TREES
MAINTAIN FENCING THROUGHOUT THE ENTIRE PROJECT. NO ACCESS IS PERMITT WITHAN FENCED AREAS THROUGH THE DURATION OF
OTHERWISE STATED IN THE TREE PROTECTION PLAN
THE ORANGE PLASTIC FENCE CAN BE USED AS CONSTRUCTION FENCE IN LIEU OF
SILT FENCE IF GRADE IS MODERATE.


$\frac{\text { ENTRENCHMENT DETALI }}{\text { NOTTO SCALE }}$COMPOST FILTER SOCK OR WATTLE






