



SOIL AND WATER MANAGEMENT NOTES

- GENERAL DUTIES:**
1. THESE PLANS SHALL BE FIELD IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATIVE TO DEVELOPMENT IN THE SUBJECT SITE.
 2. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARD PRACTICES AND MANAGEMENT METHODS AND EQUIPMENT AS SPECIFIED IN THESE DRAWINGS AND CONSTRUCTED UNDER THE SUPERVISION OF THE LICENSED PROFESSIONAL ENGINEER AND LANDSCAPE ARCHITECT.
 3. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES AND UTILITIES TO REMAIN UNHARMED.
 4. THE CONTRACTOR SHALL MAINTAIN THE VERTICAL, THE SLOPE, PROFILES AND UTILITIES TO DEVELOP NEW LOTS AND UTILITIES.
- CONSTRUCTION SEQUENCE:**
1. THE SLOPE, PROFILES, UTILITIES AND THIS SITE SHALL BE IMPROVED.
 2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES.
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EROSION CONTROL CONDITIONS

2. THE DISTURBED LAND REPAIRMENT ACTIVITIES TO BE UNDERTAKEN BY THE DISTURBER SHALL BE COMPLETED WITHIN A PERIOD OF 18 MONTHS OF THE DATE OF THE ISSUANCE OF THE DISTURBANCE PERMIT.
3. THE DISTURBER SHALL MAINTAIN A RECORD OF THE ACTIVITIES UNDERTAKEN TO REPAIR THE DISTURBED LAND AND SHALL SUBMIT A REPORT TO THE DISTURBANCE CONTROL BOARD AT THE END OF EACH YEAR, AND AT THE END OF THE PERIOD OF 18 MONTHS.
4. THE DISTURBER SHALL MAINTAIN A RECORD OF THE ACTIVITIES UNDERTAKEN TO REPAIR THE DISTURBED LAND AND SHALL SUBMIT A REPORT TO THE DISTURBANCE CONTROL BOARD AT THE END OF EACH YEAR, AND AT THE END OF THE PERIOD OF 18 MONTHS.
5. THE DISTURBER SHALL MAINTAIN A RECORD OF THE ACTIVITIES UNDERTAKEN TO REPAIR THE DISTURBED LAND AND SHALL SUBMIT A REPORT TO THE DISTURBANCE CONTROL BOARD AT THE END OF EACH YEAR, AND AT THE END OF THE PERIOD OF 18 MONTHS.
6. NOTWITHSTANDING THE ABOVE, THE DISTURBER SHALL MAINTAIN A RECORD OF THE ACTIVITIES UNDERTAKEN TO REPAIR THE DISTURBED LAND AND SHALL SUBMIT A REPORT TO THE DISTURBANCE CONTROL BOARD AT THE END OF EACH YEAR, AND AT THE END OF THE PERIOD OF 18 MONTHS.
7. WHERE NOT IN ACCORD WITH THE ABOVE, THE DISTURBER SHALL MAINTAIN A RECORD OF THE ACTIVITIES UNDERTAKEN TO REPAIR THE DISTURBED LAND AND SHALL SUBMIT A REPORT TO THE DISTURBANCE CONTROL BOARD AT THE END OF EACH YEAR, AND AT THE END OF THE PERIOD OF 18 MONTHS.

9. LANDS STABILIZED WITH TEMPORARY GRASS COVER SHALL BE MAINTAINED

6. LANDS NOT PROTECTED WITH TERRACE OR OTHER EROSION CONTROL SHALL BE TRENTED AND WATERED REGULARLY AT LEAST WEEKLY UNTIL AN EFFECTIVE COVER HAS PROPERLY ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY. FURTHER APPLICATION OF SEED MIGHT BE NECESSARY IN AREAS OF MAJOR VEGETATION ESTABLISHMENT.

0 WHERE POLITICAL FOOT AND HEAVIL AS TRAVELE WILL BE KEPT AWAY

- [illegible]

CONTRACT ADMINISTRATOR.

- [illegible]

SOIL AND WATER MANAGEMENT NOTES (CONT.)

- WATERS WILL BE PREVENTED FROM DIRECTLY ENTERING THE FURNISHMENT OF SERVICES MARKET. THE COMPANY WILL BE REQUIRED TO OBTAIN A LICENSE, ALTHOUGH THERE HAS BEEN A SIGNIFICANTLY LARGELY OPEN MARKET FOR SUCH A LICENSE. THE COMPANY HAS BEEN TREATED IN AN APPROVED MANNER. THE ONLY COMPLAINT HAS BEEN TREATED IN AN APPROVED MANNER.
- IT REMAINS ONLY AFTER THE WATERS THEY ARE PROTECTING ARE STABILIZED.
- WATERS MANAGEMENT CONCLUSION**
- WATERS WILL BE PREVENTED FROM CONCRETE AND WATER. THE COMPANY WILL BE REQUIRED TO OBTAIN A LICENSE, ALTHOUGH THERE HAS BEEN A SIGNIFICANTLY LARGELY OPEN MARKET FOR SUCH A LICENSE. THE COMPANY HAS BEEN TREATED IN AN APPROVED MANNER. THE ONLY COMPLAINT HAS BEEN TREATED IN AN APPROVED MANNER.
- AT LEAST WHEN THE WATERS THEY ARE PROTECTING ARE STABILIZED.
- BY THE CONTRACT ADMINISTRATION.

OTHER MATTERS

3. A SELF-MONITORING PROGRAM WILL BE ESTABLISHED BASED ON A CHECK-
LIST OF THE FOLLOWING:
- a) ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING AND
PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
 - 1) PLACING THEM WITH BARRIER FENCING ON SIMILAR MATERIALS INSTALLED
OUTSIDE THE DEVELOP.
 - 2) ENSURING NOTHING IS MAILED TO THEM
 - 3) PROHIBITING PLACING, GRADING, SEDIMENT WASH OR PLACING OF STOODPOLE
WITHIN THE DEVELOP.
- SITE INSPECTION & MAINTENANCE**

A SITE INSPECTION USING THE CHECK SHEET WILL BE MADE BY THE CONTRACTOR'S SITE MANAGER.

- CONTROL OF SITE MINORITIES:
(A) AT LEAST WEEKLY
(B) IMMEDIATELY BEFORE SITE CLOSURE
(C) IMMEDIATELY FOLLOWING RAINFALL EVENTS IN EXCESS OF 5mm IN
ANY ONE 24-HOUR PERIOD

THE SELF-AUDIT WILL INCLUDE:

- (A) RECORDING THE CONDITION OF EVERY BEST MAINTENANCE PRACTICE (BMP) PERFORMED
 - (B) RECORDING MAINTENANCE REQUIREMENTS, IF ANY, FOR EACH BMP
 - (C) RECORDING THE VOLUMES OF SEDIMENT REMOVED FROM SEDIMENT TRAPPING SYSTEMS, WHERE APPLICABLE
 - (D) RECORDING THE SITE WHERE SEDIMENT IS DEPOSITED
 - (E) CONTACTING A SEDIMENT DUMPSTER FOR THE COMPLETED CHECK SHEET
 - (F) PROVIDING AN ORAL SUMMARY OF THE INFORMATION TO THE PROJECT MANAGER
21. IN ADDITION, A SATISFIED QUALIFIED PERSON WILL REQUIRE TO OVERSEE/COORDINATE THE CONSTRUCTION OF ALL SOIL AND WATER MAINTENANCE WORKS ON THE SITE. EACH PERSON WILL BE REQUIRED TO PROVIDE A MINIMUM OF 2 WEEKS NOTICE TO THE PROJECT MANAGER TO PROVIDE A SHORT MEETING, A WRITTEN REPORT
- THE RESPONSIBLE PERSON WILL ENSURE THAT:

(A) THE PLAN IS BEING IMPLEMENTED CORRECTLY

- [illegible]

HIGH VELOCITY WATER FLOWS (e.g. WATERWAYS AND GUTTERS), PAVED AREAS AND DOWNPIPE

- [illegible]

APPROXIMATE STORMWATER OUTLET FLOWS

OUTLET	β	ϕ	Γ	$A(\text{m}^2)$	$Q(\text{m}^3/\text{s})$	Equiv. aperture
1	0.0028	0.79	161	1.645	510	0.558
	0.0028	0.87	221		714	
	0.0028	1	268		1093	