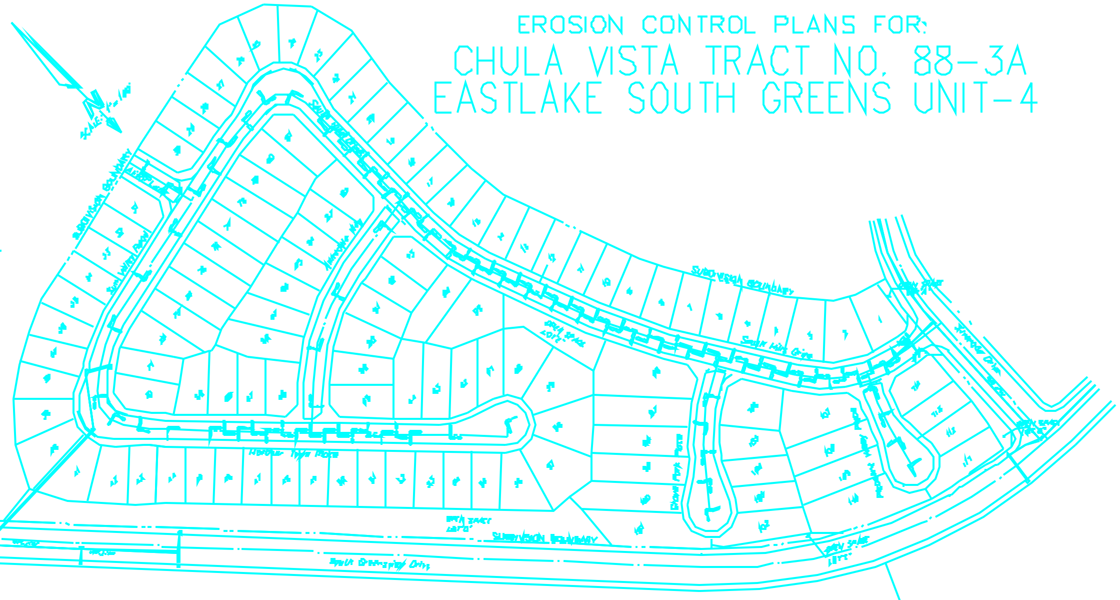
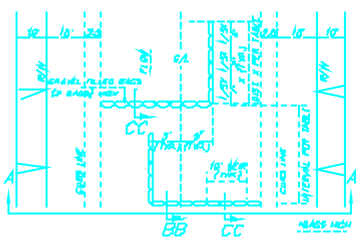
EROSION CONTROL PLANS FOR:
CHULA VISTA TRACT NO. 88-3A EASTLAKE SOUTH GREENS UNIT-4

EROSION CONTROL NOTES

TEMPORARY EROSION CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS SHALL BE PERFORMED BY THE CONTRACTOR AS INDICATED BELOW.

1. THE EROSION CONTROL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION AND MODIFICATION OF THE EROSION CONTROL DEVICES DURING THE RAINY SEASON. THE CONTRACTOR, PERMITTEE OR OWNER SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF THE EROSION CONTROL DEVICES DURING THE RAINY SEASON. IN THE EVENT OF FAILURE OR REFUSAL TO PROPERLY MAINTAIN SAID DEVICES, THE CITY ENGINEER MAY CAUSE EMERGENCY MAINTENANCE WORK TO BE DONE TO PROTECT ADJACENT PRIVATE AND PUBLIC PROPERTY. THE COST (INCLUDING AN INITIAL MOBILIZATION AMOUNT) OF WHICH SHALL BE CHARGED TO THE OWNER.
2. SEDIMENTATION BASINS MAY NOT BE REMOVED OR MADE INOPERATIVE WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
3. TEMPORARY EROSION CONTROL DEVICES WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS THE WORK PROGRESSES AS RECOMMENDED BY THE ENGINEER OF WORK AND AS APPROVED BY THE CITY ENGINEER.
4. ALL REMOVABLE PROTECTION DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40-PERCENT. AFTER EACH RAINSTORM EXCEEDING 1/4 INCH IN A 12-HOUR PERIOD SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS AND DE-SILTING BASINS, AND BASINS SHALL BE PUMPED DRY AS DEEMED NECESSARY BY THE CITY ENGINEER.
5. EFFECTIVE PLANTING SHALL BE INSTALLED FULLY GERMINATED AND SHALL EFFECTIVELY COVER THE REQUIRED SLOPES PRIOR TO FINAL APPROVAL. THE PLANTING MIX SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION. SPRINKLER SYSTEMS ARE REQUIRED ON ALL SLOPES OVER FIVE FEET IN HEIGHT.
6. A 12-INCH HIGH BY 3-FOOT WIDE BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF BASE FILLS ON WHICH GRADING IS NOT IN PROGRESS. CONCENTRATED WATER SHALL BE CARRIED NOT CLOSER THAN 10-FEET FROM THE TOP OF SLOPES.
7. A SILT BASIN, TRAP, OR SANDBAGS SHALL BE PROVIDED AT EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.
8. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPE, THE CONTRACTOR SHALL INSURE THAT WATER DRAINING TO THE SUMPS IS DIRECTED INTO THE INLET, AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. SANDBAGS OR DIKES.
9. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP ON SILT AND MUD ON ADJACENT STREETS DUE TO CONSTRUCTION ACTIVITY.
10. THE CONTRACTOR SHALL CHECK AND MAINTAIN LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
11. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH RAINFALL EXCEEDING 1/4" IN A 12-HOUR PERIOD AND WHEN SILT REACHES AN ELEVATION OF 1.0'.
12. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
13. DEVICES SHOWN ON PLAN SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE PUBLIC WORKS INSPECTOR.
14. THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
15. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE CITY ENGINEER DUE TO INCOMPLETE GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
16. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
17. ALL EROSION CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON.
18. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
19. IN CASE EMERGENCY WORK IS REQUIRED, CONTACT EASTLAKE DEVELOPMENT COMPANY AT (619) 421-0127.
20. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, SILT FENCES, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE TOTAL PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY OWNER.

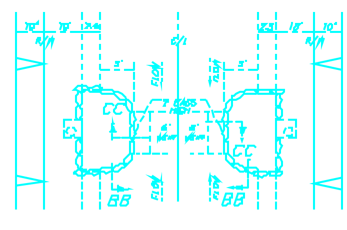




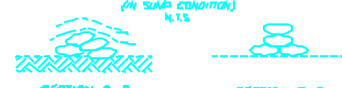
TEMPORARY DESILTING BASINS IN STREETS
N.T.S.

SANDBAG ROW SPACING TABLE

STREET GRADE	INTERVAL	X
LESS THAN 2%	100'	75'
2% to 4%	60'	40'
4% to 5%	30'	30'

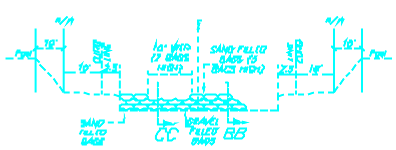


TEMPORARY DESILTING BASINS AT INLETS
(IN SUMP CONDITION)
N.T.S.

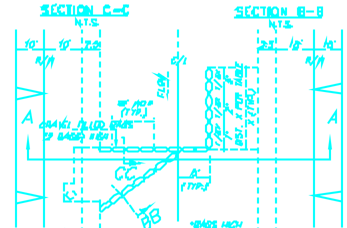


SECTION C-C
N.T.S.

SECTION B-B
N.T.S.

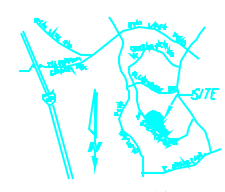


SECTION A-A
N.T.S.



TEMPORARY DESILTING BASINS AT INLETS
N.T.S.

TEMPORARY DESILTING AND EROSION CONTROL DETAILS



VICINITY MAP
SCALE: NONE

LEGEND:

- PROPOSED CUT SLOPE (2:1 UNLESS OTHERWISE SHOWN)
- PROPOSED FILL SLOPE (2:1 UNLESS OTHERWISE SHOWN)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SPOT ELEVATION
- EXISTING SPOT ELEVATION
- DAYLIGHT LINE
- PAD ELEVATION
- LOT NUMBER — 105
- SUBDIVISION BOUNDARY
- LOT LINE
- EASEMENT LINE
- STORM DRAIN (DETAILS ON IMPROVEMENT PLANS)
- SAND BAGS (SEE DETAILS, SHEET-2)
- CUT/FILL LINE
- EXISTING SLOPE

OWNER'S CERTIFICATE

IT IS AGREED THAT FIELD CONDITIONS MAY REQUIRE CHANGES TO THESE PLANS. IT IS FURTHER AGREED THAT THE OWNER (DEVELOPER) SHALL HAVE THE ENGINEER OF WORK MAKE SUCH CHANGES, ALTERATIONS OR ADDITIONS TO THESE PLANS WHICH THE ENGINEER OF WORK DETERMINES ARE NECESSARY AND DESIRABLE FOR THE PROPER COMPLETION OF THE IMPROVEMENTS. ALL PLAN CHANGES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

I FURTHER AGREE TO COMMENCE WORK ON ANY IMPROVEMENTS SHOWN ON THESE PLANS WITHIN EXISTING CITY RIGHT-OF-WAY WITHIN 30 DAYS AFTER ISSUANCE OF THE CONSTRUCTION PERMIT AND TO PURSUE SUCH WORK ACTIVELY ON EVERY NORMAL WORKING DAY UNTIL COMPLETED, IRRESPECTIVE AND INDEPENDENT OF ANY OTHER WORK ASSOCIATED WITH THIS PROJECT OR UNDER MY CONTROL.

NAME: EASTLAKE DEVELOPMENT COMPANY

ADDRESS: 900 LANE AVENUE #100 CHULA VISTA CA 92013

TELEPHONE: ____________

BY: ____________ DATE ____________

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF CHULA VISTA IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

____
MARVAN A. YOUNIS R.C.E. NO.43217 DATE:

ENGINEER OF WORK

____
XXXXXXXXXXXXXXX RCE XXXXXX DATE

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	DATE	APP'D	BENCH MARK	SCALE
Contractor:	DWG NO. 88-177, 88-178					CITY OF CHULA VISTA BENCH MARK NO. ... CENTERLINE MON. ...	Horizontal
Inspector:	DWG NO. 88-178, 88-382					...	Vertical
Date Completed:	DWG NO. 88-306, 88-380					ELEV.	

Plans Prepared Under Supervision Of: ____________ R.C.E. No. XXXXX

Submitted: ____________ Approved: ____________
By: ____________ By: ____________
Senior Civil Engineer City Engineer

CITY OF CHULA VISTA ENGINEERING DEPARTMENT
EROSION CONTROL PLANS FOR:
CHULA VISTA TRACT NO. 88-3A, UNIT 4
EASTLAKE SOUTH GREENS

TOTAL OF XX SHEETS
Drawing No. 95-365
W.O. No. XXXX