GRADING PLAN FOR;
CHULA VISTA TRACT NO. 88-3A
EASTLAKE SOUTH GREENS UNIT-4

GENERAL NOTES

1. THE SOILS REPORT TITLED "PRELIMINARY GEOTECHNICAL INVESTIGATION FOR EASTLAKE GREENS, CHULA VISTA, CALIFORNIA", PREPARED BY SAN DIEGO SOILS ENGINEERING INC. (NOVEMBER 17, 1983) AND AMENDED BY LETTER DATED JULY 12, 1984 FROM GEOTECHNICS, INC. SHALL BE CONSIDERED TO BE A PART OF THIS GRADING PLAN. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN SAID REPORT.
2. STORM DRAINS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF SIZE, LOCATIONS AND TYPE OF SEWER AND DRAINAGE FACILITIES, OR ANY SURFACE IMPROVEMENTS WITHIN FUTURE STREET RIGHTS-OF-WAY SHOWN ON THESE PLANS. SEPARATE APPROVALS AND PERMITS FOR THESE SHALL BE REQUIRED IN CONJUNCTION WITH IMPROVEMENT PLANS.
3. WRITTEN PERMISSION SHALL BE OBTAINED FOR ANY OFF-SITE GRADING.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING GRADING OPERATIONS. ANYTHING DAMAGED OR DESTROYED SHALL BE REPLACED OR REPAIRED TO CONDITION EXISTING PRIOR TO GRADING.
5. THE DEVELOPER SHALL BE RESPONSIBLE THAT ANY MONUMENT OR BENCH MARK WHICH IS DISTURBED OR DESTROYED THROUGH GRADING OPERATIONS SHALL BE RE-ESTABLISHED AND REPLACED BY A REGISTERED CIVIL ENGINEER WHO IS ALLOWED TO PRACTICE LAND SURVEYING, OR A LICENSED LAND SURVEYOR. AND A CORNER RECORD, RECORD OF SURVEY OR CERTIFICATE OF CORRECTION FILED AS REQUIRED BY THE LAND SURVEYORS ACT.
6. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
7. ALL FLOWS SHOWN ARE FOR 50-YEAR STORM.
8. ALL SEDIMENTATION BASINS, OUTLET PIPES AND DITCHES ARE PRIVATE UNLESS OTHERWISE NOTED AND HAVE NOT BEEN REVIEWED FOR ADEQUACY BY THE CITY ENGINEERING DEPARTMENT.
9. THE OWNER MUST OBTAIN AN EXCAVATION PERMIT FROM THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (O.S.H.A.) FOR CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER INTO WHICH A PERSON IS REQUIRED TO DESCEND. SAID PERMIT IS REQUIRED PRIOR TO ISSUANCE OF A GRADING PERMIT BY THE CITY OF CHULA VISTA.
10. GRADING EQUIPMENT SHALL NOT USE OR BLOCK TRAFFIC LANES DURING GRADING ACTIVITY. TRUCK OPERATIONS IN AND OUT OF CONSTRUCTION AND STAGING AREAS SHALL BE CONTROLLED AS REQUIRED BY THE CITY. TRUCK AND EQUIPMENT ROUTES IN AND OUT OF THE SITE SHALL BE APPROVED BY THE CITY PRIOR TO START OF WORK. AT THE END OF THE WORKING DAY STREETS SHALL BE CLEANED OF DIRT AND CONSTRUCTION DEBRIS TO THE SATISFACTION OF THE CITY INSPECTOR.

NOTIFICATIONS

1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UNDERGROUND SERVICE ALERT (PHONE 1-800-422-4133) 48 HOURS IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF UTILITIES LOCATION, AND NOTIFICATION OF COMMENCEMENT OF WORK.
2. FOR ANY QUESTIONS REGARDING THE MARK-OUT OF UNDERGROUND UTILITIES, THE CONTRACTOR SHOULD CONTACT THE RESPECTIVE UTILITY COMPANY.

   STREET LIGHT OR SIGNAL LIGHT CONDUIT CITY OF CHULA VISTA.... 691-5043
   SEWER OR STORM DRAIN CITY OF CHULA VISTA........ 691-5071
   (VERIFICATION)........691-5097
   GAS AND ELECTRIC SAN DIEGO GAS & ELECTRIC......... 336-7000
   WATER - OTAY WATER DISTRICT............ 670-2222
   TELEPHONE - PACIFIC BELL.................. 497-9343
   TELEVISION - COX CABLE OF SAN DIEGO............263-9251
   UTILITIES....................422-0776

3. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE 48 HOURS (2 WORKING DAYS) PRIOR TO BEGINNING ANY WORK ON THIS PROJECT. PHONE (619) 422-2246
4. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION WILL BE SUBJECT TO REJECTION AND REMOVAL. THE CONTRACTOR SHALL GIVE 24 HOURS (1 WORKING DAY) NOTICE ON CALLS FOR INSPECTION. PHONE (619) 422-9201.

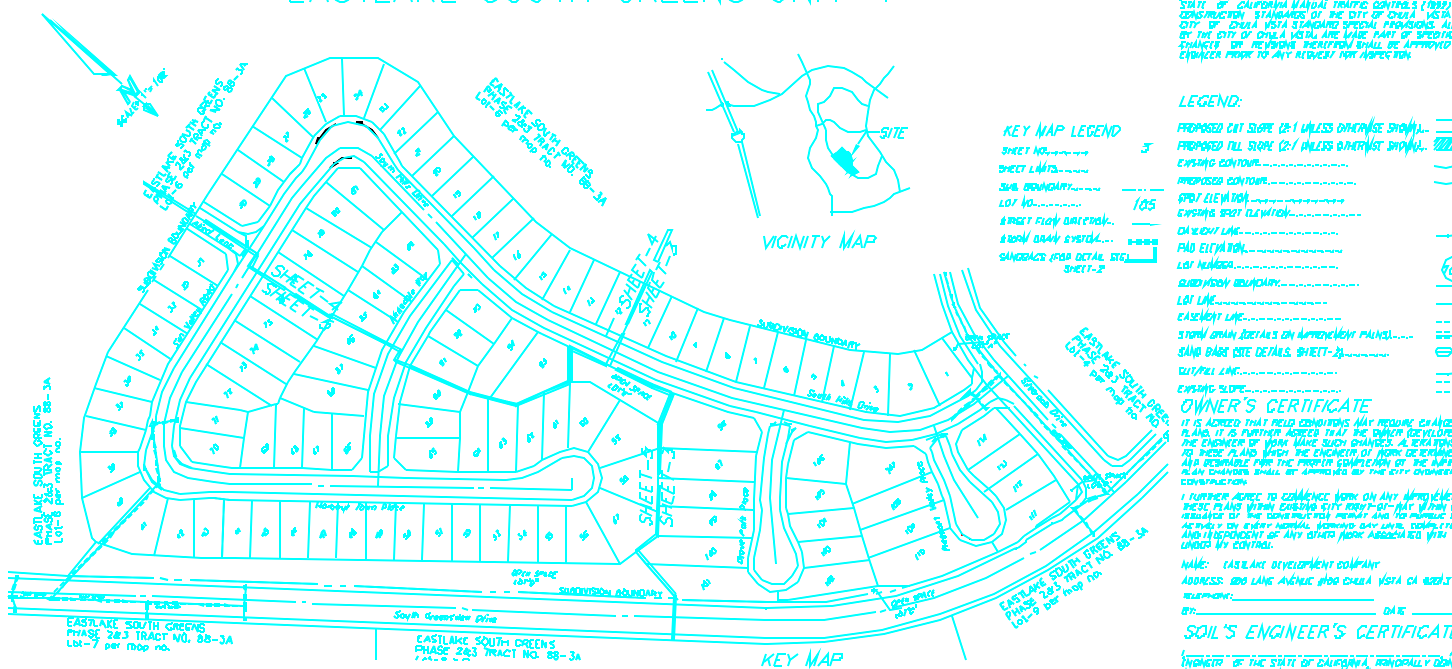
ENGINEER OF WORK CERTIFICATE

I HEREBY CERTIFY THAT IN MY PROFESSIONAL OPINION ALL WORK INCORPORATED IN THE GRADING PLANS SHEET 1 THROUGH SHEET 6 AND AUTHORIZED UNDER GRADING PERMIT PG NO.__ HAS BEEN CONSTRUCTED TO THE LINES AND GRADES IN SUBSTANTIAL CONFORMANCE WITH SAID PLANS AND ANY APPROVED REVISIONS.

SIGNED ____________________ DATE ______________

PRINTED NAME ____________________ A.C. NO. ______________

DISCIPLINE ____________________ REGISTRATION EXPIRES ______



KEY MAP LEGEND

SHEET NO. 3
SHEET LIMITS.........
SUB BOUNDARY.......
LOT NO. 105
STREET FLOW DIRECTION....
STORM DRAIN SYSTEM....
SANDBAGS (FOR DETAIL SEE SHEET-2)

PRECONSTRUCTION CONFERENCE

THE CONTRACTOR SHALL NOT BEGIN ANY WORK ON THIS PROJECT UNTIL A PRECONSTRUCTION CONFERENCE IS HELD WITH THE ENGINEER OF WORK, THE SOILS ENGINEER, ENGINEERING GEOLOGIST, A QUALIFIED PALEONTOLOGICAL MONITOR, A BOTANIST, THE DEVELOPER, THE CITY, AND OTAY WATER DISTRICT.

AS BUILTS

THE CONTRACTOR SHALL FURNISH TO THE ENGINEER OF WORK AS-BUILT PLANS FOR ALL NEW IMPROVEMENTS AND GRADING SHOWN ON THESE PLANS FOR SUBMITTAL TO THE CITY ENGINEER FOR APPROVAL IN ACCORDANCE WITH SECTION 15.04.140 OF THE CHULA VISTA MUNICIPAL CODE.

LEGAL DESCRIPTION

TRACT NO. 88-3A EASTLAKE SOUTH GREENS PHASE 2 AND 3 LOT 6 IN THE CITY OF CHULA VISTA, STATE OF CALIFORNIA, ACCORDING TO THE MAP THEREOF NO.________ FILED IN THE OFFICE OF THE COUNTY RECORDER THE COUNTY OF SAN DIEGO, ______________ 1996

SHEET INDEX

SHEET-1 .... TITLE SHEET
SHEET-2 ....NOTES and DETAIL SHEETS
SHEET-3 Thru 5 ....GRADING PLAN SHEETS
SHEET-6 ....STORM DRAIN PLAN AND PROFILE SHEETS

ACCESSORS PARCEL NO.

643-070-64-00
643-030-07-00

EARTHWORK QUANTITIES

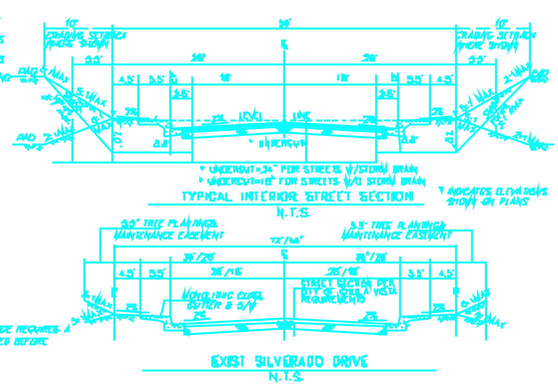
CUT: .... 42,000 CY +-
FILL: .... 42,000 CY +-
EXPORT: 0

"IMPORTANT NOTICE"

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT

TOLL FREE 1-800-422-4133

AT LEAST TWO WORKING DAYS BEFORE YOU DIG



TYPICAL STREET SECTIONS

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1994 EDITION) COMMONLY REFERRED TO AS THE "GREEN BOOK", AND 1995 SUPPLEMENT AND SAN DIEGO REGIONAL SUPPLEMENT AMENDMENTS (1994), SAN DIEGO AREA REGIONAL STANDARD DRAWINGS (1992), STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS (JULY 1992) STANDARD SPECIFICATIONS, STATE OF CALIFORNIA MANUAL TRAFFIC CONTROLS (1992) DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF CHULA VISTA (1990) AND CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS. ALL AS ADOPTED BY THE CITY OF CHULA VISTA, ARE MADE PART OF SPECIFICATIONS. ANY CHANGES OR REVISIONS THEREFROM SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO ANY REQUEST FOR INSPECTION.

LEGEND:

PROPOSED CUT SLOPE (2:1 UNLESS OTHERWISE SHOWN)
PROPOSED FILL SLOPE (2:1 UNLESS OTHERWISE SHOWN)
EXISTING CONTOUR 890
PROPOSED CONTOUR 870
SPOT ELEVATION 870.20
EXISTING SPOT ELEVATION 870.20
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......... CUT FILL
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 60 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 91913
TELEPHONE: ______________
BY: ______________ DATE ______________

SOIL'S ENGINEER'S CERTIFICATE

I, ______________, A REGISTERED CIVIL ENGINEER OF THE STATE OF CALIFORNIA, PRINCIPALLY DOING BUSINESS IN THE FIELD OF APPLIED SOIL MECHANICS, HEREBY VERIFY THAT A SAMPLING AND STUDY OF THE SOIL CONDITIONS PREVALENT WITHIN THIS SITE WAS MADE BY ME OR UNDER MY DIRECTION BETWEEN THE DATES OF ______ AND ______. ONE COMPLETE COPY OF THE SOILS REPORT COMPILED FROM THIS STUDY, WITH MY RECOMMENDATIONS, HAS BEEN SUBMITTED TO THE OFFICE OF THE CITY ENGINEER.

THESE GRADING PLANS HAVE BEEN REVIEWED BY ME OR UNDER MY DIRECTION AND CONFORM TO THE RECOMMENDATIONS MADE IN THE SOILS REPORT MENTIONED ABOVE.

SIGNED: ______________
R.C.E. NO: ______________ EXPIRATION
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.

XXXXXXXXX R.C.E. NO.XXXXX DATE:

ENGINEER OF WORK

XXXXXXXXXXXXXXXX, RCE XXXXXX DATE

CONSTRUCTION RECORD	REFERENCES	By	REVISIONS	Date	Appd	BENCH MARK	SCALE		Designed By	Drawn By	Checked By	Submitted	Approved	CITY OF CHULA VISTA ENGINEERING DEPARTMENT	Drawing No.
Contractor:	DWG. NO. 88-14783-1-88					CITY OF CHULA VISTA BENCH MARK NO. ... CENTERLINE MON., TELEGRAPH CYN. ... EAST OF PASEO LADERA.	Horizontal 1"=60' Vertical	Plans Prepared Under Supervision Of				By:	By:	GRADING PLANS FOR: CHULA VISTA TRACT NO.88-3A UNIT-4 EASTLAKE SOUTH GREENS	96-365
Inspector:	DWG. NO. 96-129											Senior Civil Engineer	City Engineer		W.O. No. XXXXXX
Date Completed:	DWG. NO. 96-308					ELEV.384.29		R.C.E. No. XXXXXX							TOTAL OF XX SHEETS