

GENERAL NOTES

- ALL GRADING IS TO BE DONE IN ACCORDANCE WITH THE CITY OF VISTA DEVELOPMENT CODE, CHAPTER 17, SECTION 17.56 AND THE SOILS REPORT PREPARED BY \_\_\_\_\_ (SOILS ENGINEER), KNOWN AS JOB NUMBER \_\_\_\_\_.
- THIS GRADING PLAN DOES NOT AUTHORIZE WORK TO COMMENCE PRIOR TO THE ISSUANCE OF A GRADING PERMIT BY THE CITY OF VISTA.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SUBSTRUCTURES, WHETHER SHOWN HEREON OR NOT, AND PROTECT THEM FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT OF SAID STRUCTURES SHALL BE BORNE BY THE CONTRACTOR.
- BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING THE FOLLOWING:  
 UNDERGROUND SERVICE ALERT (800) 422-4133  
 UNDERGROUND SERVICE ALERT (SDG&E) (800) 227-2600  
 SAN DIEGO GAS & ELECTRIC (EMERGENCY) (800) 411-7343  
 PACIFIC BELL TELEPHONE CO. (EMERGENCY) 611  
 VISTA IRRIGATION DISTRICT (ENG. DEPT) (760) 597-3116  
 VISTA IRRIGATION DISTRICT (EMERGENCY) (760) 597-3131  
 COX CABLE (EMERGENCY) (760) 599-6063  
 ADELPHIA COMMUNICATIONS (EMERGENCY) (760) 438-7741  
 CITY OF VISTA (MAIN NUMBER) (760) 726-1340  
 CITY OF VISTA (ENG. DEPT. DIRECT LINE) (760) 639-6111  
 AFTER HOURS EMERGENCY DISPATCH FOR SEWER SPILLS OR STORM DRAIN CONTAMINATION - CALL NORTH COMM DISPATCH (EMERGENCY) (858)756-3006
- A PERMIT FROM THE DEVELOPMENT SERVICES DEPARTMENT WILL BE REQUIRED PRIOR TO ANY WORK WITHIN THE CITY OF VISTA RIGHT-OF-WAY.
- NO BUILDING PERMITS WILL BE ISSUED AND NO BUILDING INSPECTIONS WILL BE MADE UNTIL ROUGH GRADING HAS BEEN APPROVED BY CITY OF VISTA.
- ALL CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL UNLESS OTHERWISE SPECIFIED BY AN APPROVED SOILS ENGINEERING REPORT AND THE CITY ENGINEER.
- ALL SLOPES SHALL BE PLANTED WITH A GROUND COVER AS APPROVED BY THE CITY OF VISTA PLANNING DEPARTMENT.  
SCALE: 1" = 100'/200'
- THE FACE OF CUT AND/OR FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO PROTECT AGAINST EROSION PER CITY OF VISTA DEVELOPMENT CODE, CHAPTER 17, SECTION 17.56.
- ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL TO NATURAL GROUND ABUTTING CUT OR FILL SURFACES.
- A PRELIMINARY SOILS REPORT SHALL BE SUBMITTED PRIOR TO GRADING APPROVAL.
- A FINAL SOILS REPORT, WITH ORIGINAL SIGNATURE/SEAL OF SOILS ENGINEER, SHALL BE SUBMITTED IN DUPLICATE PRIOR TO ROUGH GRADING APPROVAL, AND MUST PROVIDE THE FOLLOWING INFORMATION:  
 A. SOILS BEARING VALUE  
 B. EXPANSIVE CHARACTERISTICS  
 C. FOUNDATION RECOMMENDATION  
 D. DISPOSITION OF LARGE ROCKS ENCRUACHING ONTO THE FOUNDATION  
 E. COMPACTION REPORT ON GRADED LOTS  
 F. ELEVATION OF WATER TABLE IF ENCOUNTERED  
 G. A PLAT SHOWING THE LOCATIONS OF TEST BORINGS AND/OR EXCAVATIONS
- ALL ON-SITE AND PRIVATE RESIDENTIAL DRIVEWAYS MUST HAVE A MINIMUM THICKNESS OF 4 INCHES CONCRETE OR 2 INCHES ASPHALT OVER 6 INCHES CLASS 3 BASE, AND MUST BE INSPECTED BY THE ENGINEERING DEPARTMENT.
- THE STRUCTURAL SECTION OF PARKING LOTS AND DRIVEWAYS ON ALL COMMERCIAL AND INDUSTRIAL COMPLEXES SHALL BE DESIGNED BASED ON "R" VALUES OF SOILS AND ON A MINIMUM T.I. OF 4.5 IN PARKING STALLS AND A MINIMUM T.I. OF 6.0 IN THE DRIVE LANES. THE MINIMUM SECTION SHALL BE 3" A.C. ON 6" CLASS 2 BASE, OR MINIMUM 4" PCC ON NATIVE. STRUCTURAL SECTIONS DESIGN SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION. ALL CURBS, GUTTERS AND SIDEWALKS MUST HAVE A MINIMUM OF 6" CLASS 3 BASE, OR AS RECOMMENDED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER.
- THE PERMITTEE SHALL GIVE NOTICE TO THE CITY OF VISTA ENGINEERING INSPECTION DEPARTMENT FOR A PRE-CONSTRUCTION CONFERENCE AT LEAST 48 HOURS PRIOR TO COMMENCING THE WORK. ANY WORK DONE WITHOUT PROPER INSPECTION WILL BE SUBJECT TO REJECTION. PHONE (760) 639-6113 FOR INSPECTIONS.
- A FENCE AT LEAST THREE AND ONE-HALF FEET (3-1/2') IN HEIGHT SHALL BE CONSTRUCTED AT THE TOP OF ANY VERTICAL CUT OR RETAINING WALL EXCEEDING FOUR FEET (4') IN HEIGHT, OR AT THE TOP OF ANY CUT OR FILL EXCEEDING FIFTEEN FEET (15') IN HEIGHT.
- ALL SLOPES IN EXCESS OF 5 FEET IN VERTICAL HEIGHT SHALL BE HYDROSEEDING IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS (UNLESS SUPERSEDED BY AN APPROVED EROSION CONTROL OR LANDSCAPING PLAN). (SEE SHEET 3 FOR SPEC'S.)
- "AS BUILT" DRAWINGS MUST BE SUBMITTED BY THE ENGINEER OF WORK AND APPROVED BY THE CITY ENGINEER PRIOR TO FINAL ACCEPTANCE OF WORK

WORK LIMITATIONS:

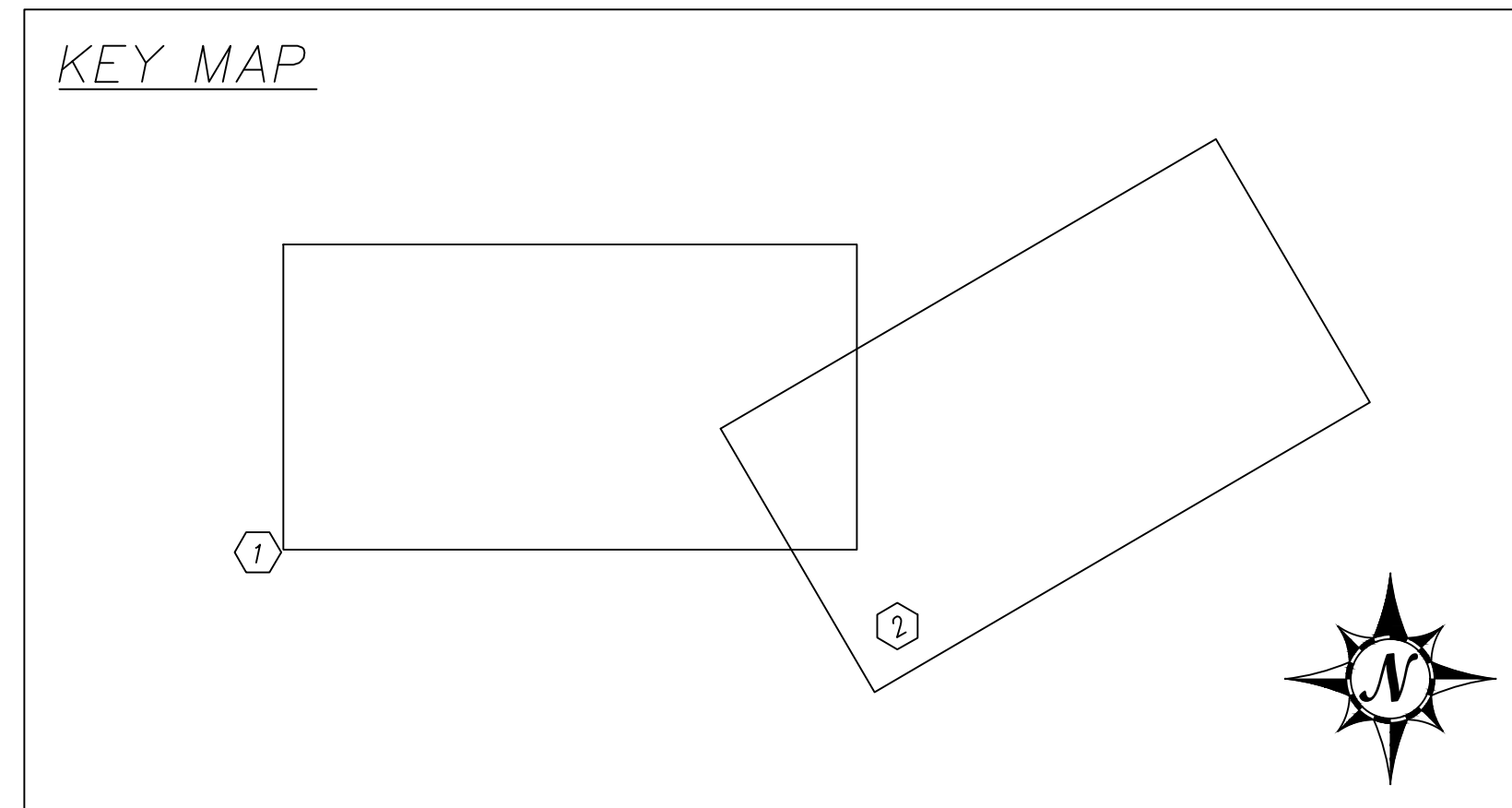
- GRADING: MONDAY THROUGH FRIDAY - 7:00AM TO 5:00 PM; SATURDAY - 8AM TO 4PM; SUNDAY & CITY HOLIDAYS - NO WORK
- ROW PERMITS - 7:00AM TO 3:30 PM UNLESS NOTED OTHERWISE ON TRAFFIC CONTROL PLAN.

**CONTRACTOR'S NOTE:** CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CITY OF VISTA HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF CITY OF VISTA PERSONNEL.

**ENGINEER'S NOTE:** THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES & USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

GRADING PLANS FOR:

PROJECT NAME



KEY MAP LEGEND

DESCRIPTION	SYMBOL
SHEET NUMBER	⑦
EXIST. SEWER	---
PROP. SEWER	---
EXIST. WATER	---
PROP. WATER	---
EXIST. GAS	---
FIRE HYDRANT	---
EXIST. ST. LIGHT	---
PROP. ST. LIGHT	---

SHEET INDEX

COVER SHEET -  
 DETAIL SHEET -  
 GRADING -  
 IMPROVEMENT -  
 ETC.....

GEOTECHNICAL DECLARATION

THESE PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND THE GEOTECHNICAL ASPECTS OF THE PLANS HAVE BEEN FOUND TO BE IN CONFORMANCE WITH THE INTENTIONS OF THE FINDINGS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT PREPARED BY \_\_\_\_\_, JOB NUMBER \_\_\_\_\_ AND ALL SUPPLEMENTS THERETO.

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_ C.E.G. \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE NO. \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_ R.C.E. \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE NO. \_\_\_\_\_

SWQMP

PREPARED BY: \_\_\_\_\_  
 DATED: \_\_\_\_\_  
 PROJECT No: \_\_\_\_\_

HYDROLOGY REPORT

PREPARED BY: \_\_\_\_\_  
 DATED: \_\_\_\_\_  
 PROJECT No: \_\_\_\_\_

REFERENCE DRAWINGS

DRAWING DESCRIPTION.....DWG.#

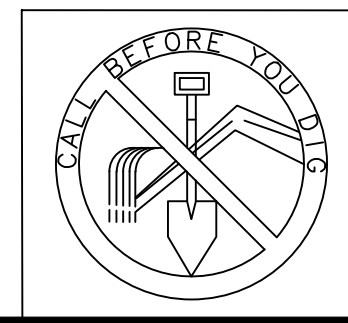
LEGAL DESCRIPTION

(AS STATED ON RECORDING DOCUMENT, CONSISTENT WITH DESCRICTIONARY PERMIT (IF APPLICABLE)

SOILS ENGINEER'S CERTIFICATION

WE HEREBY CERTIFY THAT WE HAVE PROVIDED PROFESSIONAL TESTING AND APPROVAL CONCERNING THE PREPARATION OF GROUND TO RECEIVE FILLS, TESTING FOR REQUIRED COMPACTION, STABILITY OF ALL FINISH SLOPES, DESIGN OF BUTTRESS FILLS WHERE REQUIRED, THE ADEQUACY OF THE NATURAL GROUND FOR RECEIVING FILL, THE STABILITY OF CUT SLOPES WITH RESPECT TO GEOLOGICAL MATTERS AND THE NEED FOR SUBDRAINS AND OTHER GROUNDWATER DRAINAGE DEVICES, AND THAT THESE GRADING PLANS ACCURATELY REFLECT ALL CONDITIONS AND CONSTRUCTION RECOMMENDATIONS PREPARED FOR THIS PROJECT.

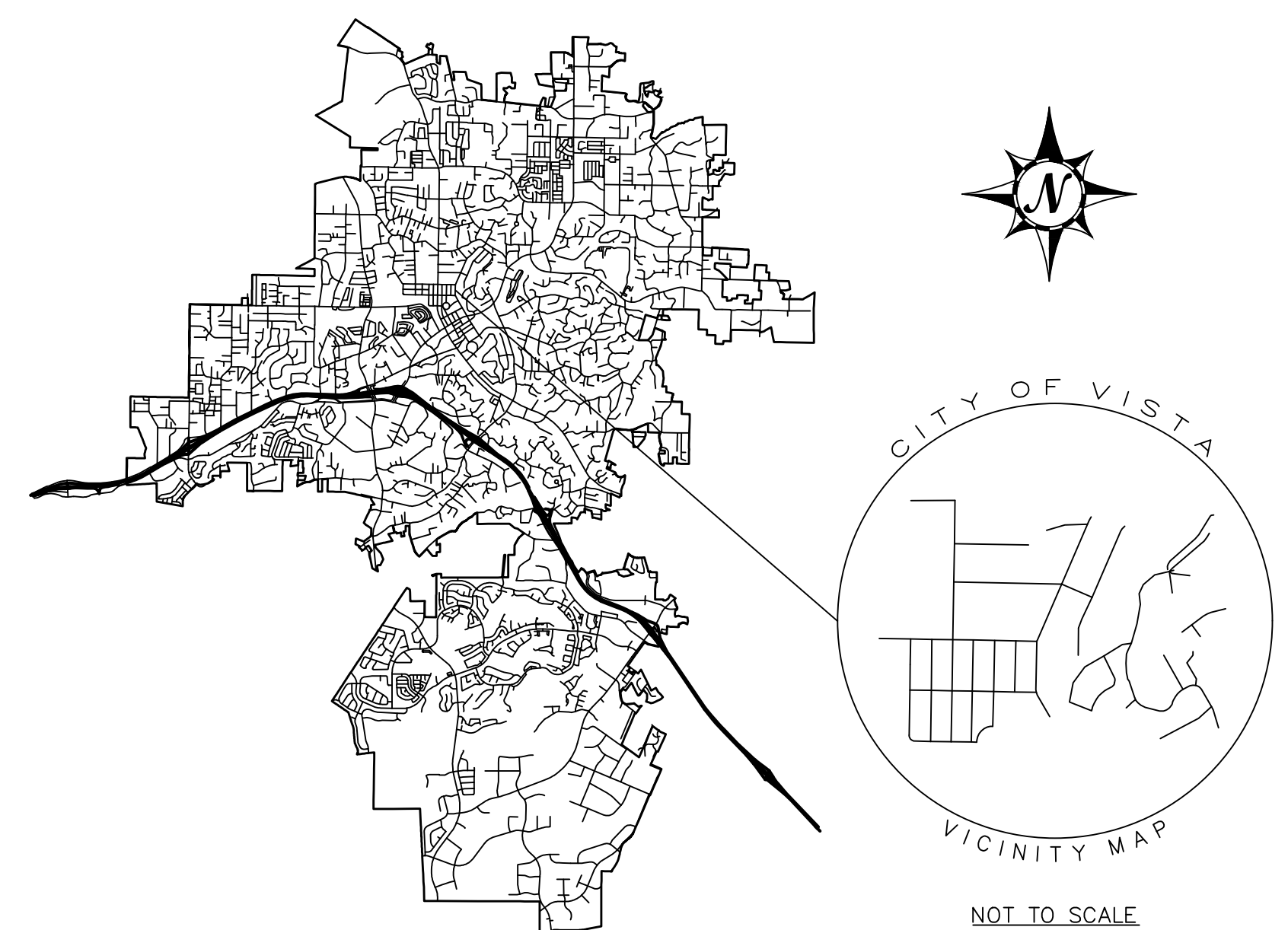
UNDERGROUND SERVICE ALERT



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 TWO (2) WORKING DAYS BEFORE YOU DIG. WEB ADDRESS: WWW.DIGALERT.ORG

TOPOGRAPHY SOURCE

TOPO SOURCE COMPANY WITH COMPLETE ADDRESS.  
 TOPO SOURCE METHOD (I.E. ALTA, PHOTOGRAMMETRY, ETC.)  
 TOPO SOURCE DATE (MUST BE WITHIN 3 YEARS PRECEDING PERMIT DATE.)



OWNER/APPLICANT

(NAME)  
 (STREET)  
 (CITY, STATE, ZIP)  
 (PHONE)

PROPERTY ADDRESS

(STREET)  
 (CITY, STATE, ZIP)

APN

(ASSESSOR'S PARCEL NUMBER)

DISTURBED ACREAGE

(NO. OF ACRES)

ESTIMATED GRADING QUANTITIES

DESCRIPTION	QUANTITY
CUT	
FILL	
IMPORT	
EXPORT	
REMEDIAL	

NOTE: QUANTITIES INCLUDE ANY EARTHWORK FOR REMEDIAL PURPOSES, QUANTITIES ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES. A HAUL ROUTE PERMIT IS REQUIRED FOR ANY EXPORT/IMPORT OF SOILS AND MAY BE OBTAINED AT THE DEVELOPMENT SERVICES COUNTER.

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 CALIFORNIA BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT CITY OF VISTA STANDARDS. I AGREE THAT THE WORK PERFORMED BY ME COMPLIES WITH GENERALLY ACCEPTED STANDARDS AND PRACTICES OF MY TRADE OR PROFESSION. I FURTHER AGREE THAT THE WORK PERFORMED HEREIN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS REQUIRED BY THE CITY OF VISTA. I AGREE THAT PLAN CHECK OR REVIEW OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF VISTA, IN ITS CAPACITY AS A PUBLIC ENTITY FOR THE PLANS PREPARED BY ME, IS CONFINED TO A REVIEW ONLY AND IS NOT A DETERMINATION BY THE CITY OF VISTA OF THE TECHNICAL SUFFICIENCY OR ADEQUACY OF THE PLANS OR DESIGN AND THEREFORE DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PLANS OR DESIGN OF IMPROVEMENTS BASED THEREON.

I AGREE TO INDEMNIFY AND HOLD HARMLESS THE CITY OF VISTA, ITS OFFICERS, AGENTS, AND EMPLOYEES FROM PROPERTY DAMAGE OR BODILY INJURY ARISING SOLELY FROM NEGLIGENCE ACTS, ERRORS, OR OMISSIONS OF THE ENGINEER, ITS AGENTS, OR ITS EMPLOYEES, ACTING WITHIN THE COURSE AND SCOPE OF SUCH AGENCY AND EMPLOYMENT, AND ARISING OUT OF THE WORK PERFORMED BY ME.

WORK TO BE DONE

THE IMPROVEMENT WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING DOCUMENTS, CURRENT AT THE TIME OF CONSTRUCTION, AS DIRECTED BY THE CITY ENGINEER:

- VISTA DEVELOPMENT CODE,
- CITY OF VISTA STANDARD DRAWINGS,
- THIS SET OF PLANS,
- THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) AND THE SAN DIEGO SPECIAL PROVISIONS,
- THE SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, AND AS MAY BE MODIFIED BY THE CITY OF VISTA STANDARDS,
- THE VID STANDARDS AND SPECIFICATIONS FOR WATER

LEGEND

COV - CITY OF VISTA STD. DRAWING  
 VID - VISTA IRRIGATION DISTRICT STD. DRAWING  
 SDRSD - SAN DIEGO REGIONAL STD. DRAWING

DESCRIPTION	STANDARD	SYMBOL	QUANTITY
PROPERTY LINE		---	
LOT LINE		---	
EXISTING WATERLINE		—W—	
EXISTING SEWER MAIN		—S—	
EXISTING GAS LINE		—G—	
EXISTING STORM DRAIN		—SD—	
FINISHED GROUND CONTOUR		—XXX—	
EXISTING GROUND CONTOUR		~ 440 ~	
PROPOSED CUT\FILL SLOPE		∇ 2:1	
GRADED PAD LIMIT		[ ]	
FUTURE BUILDING LIMIT		[ ]	
RETAINING WALL (BY SEPARATE PERMIT)		=====	
FUTURE SPOT ELEVATIONS		400.50TC 400.00P	
ITEM IDENTIFICATION (WORK TO BE DONE)		ITEM NO. 1 STRUCTURE NO. S#1	
DEEPEDED FOOTING\RAISED STEM WALL (FOR REFERENCE ONLY) PER ARCHITECTURAL PLANS		=====	
6" CURB		=====	
6" CURB & GUTTER		=====	
FINISH PAVEMENT ELEV.		P	
TOP OF CURB ELEV.		TC	
FLOW LINE		FL	
DIRECTION OF DRAINAGE		→	
EXISTING SPOT ELEV.		98.0	
DETAIL IDENTIFICATION		DETAIL NO. 3 SHEET NO. 2	
FIRE SERVICE LATERAL		(FS)	
WATER LATERAL		(W)	
SEWER LATERAL WITH CLEAN OUT & UTILITY BOX		(S)	
GRAVEL BAGS		○○○○○	
NO. OF PARKING SPACES		(3)	
EXIST. UTILITY TO BE REMOVED		///W///	

SITE DEVELOPMENT PLAN EXPIRES: THIS PLAN IS VALID FOR 2 YEARS FROM APPROVAL

STORMWATER  
 INSPECTION PRIORITY \_\_\_\_\_ WDD NO. \_\_\_\_\_  
 "AS BUILT"  
 RCE \_\_\_\_\_ EXP. \_\_\_\_\_ DATE \_\_\_\_\_  
 REVIEWED BY: \_\_\_\_\_  
 INSPECTOR \_\_\_\_\_ DATE \_\_\_\_\_

CITY of VISTA  
 ROUGH (AND/OR PRECISE) GRADING & EROSION/SEDIMENTATION CONTROL PLANS FOR:  
 ADDRESS: \_\_\_\_\_  
 APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 FOR CITY ENGINEER \_\_\_\_\_ RCE \_\_\_\_\_ EXP. DATE \_\_\_\_\_ SHEET 1 of \_\_\_\_\_  
 BENCH MARK: \_\_\_\_\_  
 GPXX-XXX

CITY OF VISTA FIRE DEPARTMENT	VISTA IRRIGATION DISTRICT THE REVIEW GIVEN HERE IS ONLY FOR THE GRADING LAYOUT AND IS NOT THE APPROVAL FOR THE CONSTRUCTION OF ANY WATER FACILITIES THAT MAY BE SHOWN HEREON NOR DOES IT IMPLY THAT WATER SERVICE WILL BE PROVIDED.	CITY OF VISTA - SANITATION BASIN: (REVIEWED FOR CONFLICTS ONLY)	CITY OF VISTA PLANNING DEPARTMENT	NO.	DESCRIPTION	QTY	DATE	VID	DATE	APPROVED CHANGES	(ENGINEERING COMPANY NAME) (STREET, CITY, STATE ZIP) (PHONE, FAX, & WEBSITE)	ENGINEER OF WORK _____ RCE _____ EXP. LIC. DATE _____ DATE _____
APPROVED _____ DATE _____	REVIEWED BY _____ DATE _____ APPROVAL VALID FOR TWO (2) YEARS FROM DATE	APPROVED _____ RCE _____ DATE _____	APPROVED _____ DATE _____									